

Linzer biol. Beitr.	41/1	901-935	30.8.2009
---------------------	------	---------	-----------

New or interesting records of Carabid beetles from Europe, Madeira, northern Africa, Turkey, from the Near East, Iran, Iraq, Kuwait, and Pakistan, with nomenclatorial and taxonomic notes (Coleoptera, Carabidae, Bembidiini, Brachinini, Cyclosomini, Elaphrini, Harpalini, Lebiini, Nebriini, Platynini, Pterostichini, Scaritini, Sphodrini, Zabrinini)

D.W. WRASE

Abstract: A new assignment is proposed: *Harpalus honestus* ssp. *creticus* MAŘAN 1934 = *Harpalus* (s.str.) *sulphuripes* ssp. *creticus* MAŘAN 1934. Change of rank: *Acupalpus* (s.str.) *schnitteri* JAEGER 1999, nov. status is upgraded from: *Acupalpus* (s.str.) *suturalis* ssp. *schnitteri* JAEGER 1999.

Following species are recorded for the first time: *Leistus* (s.str.) *terminatus* (PANZER 1793): Iceland (Austurland; Suðurland). *Brachinus* (s.str.) *alexandri* F. BATTONI 1984: Israel (Golan; Central District; North District). *Elaphrus* (s.str.) *weissi* DOSTAL 1996: Turkey (Ankara). Israel (Golan). *Asaphidion austriacum* SCHWEIGER 1975: Iran (Golestan). *A. curtum* ssp. *curtum* HEYDEN 1870: Tunisia (Béja; Jendouba). *A. festivum* (JACQUELIN DU VAL 1851): Greece (Macedonia: Flórina/Péla). *A. transcasicum* (SEMENTOV) 1889: Iran (Golestan; Khorāsān). *Bembidion (Trepanes) articulatum* (PANZER 1796): Turkey (Samsun). *B. (Trepanes) maculatum* ssp. *maculatum* DEJEAN 1831: Israel (Golan). *Sphaerotachys fumicatus* (MOTSCHULSKY 1851): Israel (North District). *Paratachys fasciatus* ssp. *fasciatus* (MOTSCHULSKY 1851): Israel (North District). *Tachyura* (s.str.) *euphratica* (REITTER 1885): Israel (North District). *T. (s.str.) poeciloptera* (BATES 1873): Turkey (Antalya). *T. (s.str.) walkeriana* (SHARP 1913): Greece (Fthiótida; Samos). Israel (Golan; North District). *Pogonus* (s.str.) *orientalis* ssp. *orientalis* DEJEAN 1828: Romania (Tulcea). *Trechus (Epaphius) secalis* ssp. *secalis* (PAYKULL 1790): Iceland (Austurland; Suðurland). *Aephnidius ruficornis* CHAUDOIR 1850: Israel (Haifa; Central District; North District). *Masoreus aegyptiacus* DEJEAN 1828: Greece (Ahaña). *M. affinis* ssp. *affinis* CHAUDOIR 1843: Israel (Southern District: Negev). *Chlaenius (Chlaeniellus) douei* PEYRON 1858: Israel (North district). *Amblystomus algerinus* REITTER 1887: Greece (Árta). Italy (Sardinia: Oristano). *A. cephalotes* REITTER 1896: Israel (North district). *A. rectangulus* REITTER 1883: Israel (North district). *Anisodactylus* (s.str.) *binotatus* (FABRICIUS 1787): Lebanon (Bekaa). *A. (Hexatrichus) virens* ssp. *winthemi* DEJEAN 1831: Canary Islands: Gran Canaria (Spain). *Carterus* (s.str.) *rufipes* (CHAUDOIR 1843): Iraq (Erbil; Dahuk; As Sulaymāniyah). *Dixus moloch* (PIOCHARD DE LA BRÛLERIE 1873): Iraq (Erbil). *Graniger femoralis* (COQUEREL 1858): Greece (Makedonia: Halkidiki). *Oedesis caucasicus* (DEJEAN 1831): Iran (Büyer Ahmad-o-Kühgīlūye). Dodekánissa: Kós (Greece). *O. villosulus* (REICHE 1860): Dodekánissa: Kós (Greece). *Acinopus* (s.str.) *laevigatus* ssp. *laevigatus* MÉNÉTRIÉS 1832: Pakistan (N.-W.-Frontier Province). *Harpalus (Cephalophonus) cephalotes* ssp. *somcheticus* SCHAUBERGER 1933: Iran (Lorestan). *H. (Cryptophonus) melancholicus* ssp. *reichei* JAKOBSON 1907: Greece

(Ahaia; Kérkira; Kefaloniá; Lakoniá; Préveza). *H. (s.str.) angulatus* ssp. *subangulatus* REITTER 1900: Lebanon (Beqaa valley; North Libanon Province). *H. (s.str.) cisteloideus* ssp. *schouberti* TSCHITSCHÉRINE 1898: Turkey (Ardahan). *H. (s.str.) distinguendus* ssp. *distinguendus* (DUFTSCHMIDT 1812): Egypt (Ash Sharqiyah). Tunisia (Sousse). Jordan (Maan). *H. (s.str.) fuscicornis* MÉNÉTRIÉS 1832: Iran: (Māzandarān). *H. (s.str.) inexpectatus* KATAEV 1989: Azerbaijan (Lerik; Şamaxı). *H. (s.str.) picipennis* (DUFTSCHMIDT 1812): Greece (Kavála). *H. (s.str.) pulvinatus* ssp. *lubricus* REITTER 1862: Turkey (Kars). *Trichotichnus (s.str.) laevicollis* (DUFTSCHMIDT 1812): Greece (Flórina). *Ophonus (Hesperophonus) similis* (DEJEAN 1829): Romania (Constanța). *O. (Metophonus) brevicollis* (AUDINET-SERVILLE 1821: Syria (as-Suwaïdā). *O. (Metophonus) melletii* ssp. *melletii* (HEER 1837): Greece (Ioánnina; Katerini). *O. (s.str.) franziniorum* SCIAKY 1987: Greece (Kérkira). Montenegro (Bar). *Acupalpus (s.str.) lucasi* (GAUBIL 1849): Tunesia (Bejá). *A. (Ancylostria) morulus* REITTER 1884: Iraq (As Sulaymāniyah). *Anthracus basanicus* J.R. SAHLBERG 1908: Israel (Golan; North district). *A. insignis* REITTER 1884: Montenegro (Bar). *Idiomelas (s.str.) morio* MÉNÉTRIÉS 1832: Pakistan (Balochistan). *Stenolophus (s.str.) skrimshiranus* STEPHENS 1828: Libya (Cyrene-Shahhat). Turkmenistan (Kopetdag). *Dicheirotichus (s.str.) lacustris* (REDTENBACHER 1858): Azerbaijan (Baku). *Cymindis (s.str.) discophora* CHAUDOIR 1873: Portugal (Madeira: Ilhas Desertas). *Dromius (s.str.) agilis* (FABRICIUS 1787): Turkey (Bolu; Isparta). *Microlestes coiffaiti* Mateu 1956: Israel (North District). *M. schroederi* HOLDHAUS 1912: Greece (Thesprotia). *M. vittatus* ssp. *vittatus* (MOTSCHULSKY 1859): Iran (Hormozgan). *Apristus jaechi* KIRSCHENHOFER 1988: Egypt (Janub Sina). Iran (Fars, record needs confirmation!). *A. reticulatus* SCHAUM 1857: Georgia (Mzcheta-Mtianeti). Israel (North District). Lebanon (North Province). *Lionychus (s.str.) orientalis* K. DANIEL 1901: Greece (Dodekánissa: Ródos). Iran (Māzandarān). Italy (Sicily: Messina). *Syntomus montanus* BEDEL 1913: Tunisia (Bejá). *S. obscuroguttatus* (DUFTSCHMIDT 1812): Israel (Central District; Golan). *S. parallelus* (BALLION 1871): Iran (Azarbaygan-e, Chorāsān; Eşfahān, Golestan; Kermān). *Badister (s.str.) bullatus* (SCHRANK 1798): Israel (Central district). *B. (Trimorphus) sodalis* (DUFTSCHMIDT 1812): Israel (Haifa). *Agonum (s.str.) rugicolle* CHAUDOIR 1846: Israel (Golan). *A. (s.str.) viridicupreum* ssp. *viridicupreum* MOTSCHULSKY 1844: Israel (Central district; Golan). *Atraneus ruficollis* (GAUTIER DE COTTES 1858): Israel (North district). *Poecilus (Ancholeus) gisellae* ssp. *gisellae* (CSIKI 1930): Israel (North District; Golan). *P. (Ancholeus) pertusus* (SCHAUM 1858): Iran (Āzarbāyġān-e Garbí). Iraq (Erbil). *P. (Ancholeus) puncticollis* (DEJEAN 1828): Israel (Golan; North district). *P. (Ancholeus) wollastoni* (WOLLASTON 1854): Greece (Larissa). Turkey (Adana). Syria (Homs). Iran (Khūzestān). Kuwait (al-Kuwait). *P. (s.str.) bonvoisini* (REICHE & SAULCY 1855): Iran (Būshehr; Khūzestān). Turkey (Mersin). *Platyderus (s.str.) rufus* ssp. *rufus* (DUFTSCHMIDT 1812): Romania (Cluj; Mehedinți). *Synuchidius ganglbaueri* APFELBECK 1908: Greece (Macedoniá: Flórina).

Confirmation of occurrence: *Masoreus aegyptiacus* DEJEAN 1828: Sicily (Siracusa). *Dromius (s.str.) quadrimaculatus* (LINNAEUS 1758): Greece (Kérkyra; Ioánnina). *Ditomus tricuspidatus* (FABRICIUS 1792): Greece (Etolia Akarnania). *Stenolepta transcaspica* SEMENOV 1889: Iran (Khorāsān-e Razavi).

Confirmation of occurrence with first detailed records: *Poecilus (Ancholeus) gisellae* ssp. *gisellae* (CSIKI 1930): North Cyprus (Famagusta).

First detailed records: *Brachinus (s.str.) psophia* AUDINET-SERVILLE 1821: Israel (Golan; Central District; North District). *Distichus planus* (BONELLI 1813): Israel (North District). *Dicheirotichus (s.str.) lacustris* (REDTENBACHER 1858): Turkey (Adana; Ankara; Denizli; Muğla; Sivas): Israel (North District). *Dicheirotichus (s.str.) obsoletus* (DEJEAN 1829): Israel (North District). Turkey (Muğla). *Lebia (Lamprias) rutilicollis* REITTER 1915: Lebanon (South Governorate). *Agonum (s.str.) monachum* (DUFTSCHMIDT 1812): Israel (Central District; Haifa). *A. (s.str.) viridicupreum* ssp. *viridicupreum* MOTSCHULSKY 1844: Israel (Golan). *Poecilus (Ancholeus) wollastoni* (WOLLASTON 1854): Israel (South District; West Jordan Land). *Abacetus (Astigis) quadripustulatus* PEYRON 1858: Israel (North district; South district). *Amara (Bradytodema) kaszabiella* HIEKE 1983: Israel (South District). Syria: (Dimashq). *A.*

(*Phaenotrichus*) *pumilio* (PIOCHARD DE LA BRÛLERIE 1876): Israel (North District). *A. (Celia) aberrans* BAUDI DI SELVE 1864: Israel (Central District).

Mentioned with additional detailed records: *Elaphrus* (s.str.) *weissi* DOSTAL 1996: Greece (Ipiros; Thessalia; Macedonia). *Harpalus* (s.str.) *polyglyptus* SCHAUM 1862: Greece (Etolia Akarnania; Ioánnina). *Acupalpus* (s.str.) *schnitteri* JAEGER 1999: Israel (Golan). *A. (Ancylostria) morulus* REITTER 1884: Israel (North District). *Anthracus quarnerensis* (REITTER 1884): Israel (Central District; Golan). *Stenolophus* (s.str.) *liebmanni* J. MÜLLER 1931: Israel (North District). *Dicheirotichus* (s.str.) *obsoletus* (DEJEAN 1829): Malta (Buggibba). *Syntomus parallelus* (BALLION 1871): Pakistan (Baltistan). *Badister* (s.str.) *brevicollis* REICHE 1875: Israel (Haifa). *Lebia (Lamprias) rutilicollis* REITTER 1915: Israel (Haifa; North District). *Apristus jaechi* KIRSCHENHOFER 1988: Israel (North District). *Poecilus* (s.str.) *bonvoisini* (REICHE & SAULCY 1855): Israel (West Jordan Land).

Key words: Coleoptera, Carabidae, Bembidiini, Brachinini, Cyclosomini, Elaphrini, Harpalini, Lebiini, Nebriini, Platynini, Pterostichini, Scaritini, Sphodrini, Zabrinini, new assignment, first records, confirmed records, first detailed records, Azerbaijan, Cyprus, Iceland, Greece, Iran, Iraq, Israel, Kuwait, Lebanon, Madeira, Malta, Montenegro, Pakistan, Sicily, Syria, Turkey.

Introduction

In preparing identification keys for harpalines from Greece I found some facts which could improve our knowledge about taxonomy and distribution of some carabid beetles and it seems me worthy to inform of these facts. Likewise, I add some results in identification of species coming from some important localities. It concerns, beside correction of taxonomic position of two species, some first or confirmed records, not yet presented in the "Catalogue of Palaearctic Coleoptera, Volume 1" (referred to from now on as CATPAL 1), which was published in 2003, and in "Fauna Europaea" (VIGNA TAGLIANTI 2004).

Material

Material examined is housed in the collections of institutions or in private collections as listed below:

AUE	Atatürk University, Faculty of Agriculture, Departure of Plant Protection, Erzurum, Turkey (M. Kesdek)
HMIM	Hayek Mirzayans Insect Museum, Insect Taxonomy Research Department, Iranian Research Institute of Plant Protection, Teheran, Iran (S. Serri)
MNHUB	Museum für Naturkunde der Humboldt-Universität, Berlin, Germany (J. Frisch, B. Jaeger, M. Uhlig)
MRSNT	Museo Regionale di Scienze Naturali, Torino, Italy (M. Daccordi)
NME	Naturkundemuseum Erfurt, Erfurt, Germany (M. Hartmann)
NMP	Národní Museum v Praze, Prague, Czech Republic (J. Hájek)
TAU	Department of Zoology, Tel Aviv University, Tel Aviv, Israel (A. Freidberg, L. Friedman, V. Chikatunov)
ZISP	Zoological Institute, Russian Academy of Sciences, St. Petersburg, Russia (B. Kataev)
ZIUA	Zoological Institute, University of Athens, Athens, Greece (A. Legakis)

cASSM.....	Coll. Th. Assmann, Lüneburg, Germany
cBAŠ.....	Coll. J. Bašta, Brno, Czech Republic
cBR.....	Coll. I. Brunk, Dresden, Germany
cBUL.....	Coll. P. Bulirsch, Prague, Czech Republic
cEGG.....	Coll. M. Egger, Wattens, Austria
cGRY.....	Coll. M. Grycz, České Budějovice, Czech Republic
cHAJ.....	Coll. E. & P. Hajdaj, Ježov, Czech Republic
cHAN.....	Coll. K. Hannig, Waltrop, Germany
cHIL.....	Coll. J. Hillger, Karlsruhe, Germany
cHRTM.....	Coll. M. Hartmann, Erfurt, Germany
cKAŠP.....	Coll. L. Kašpar, Česká Lípa, Czech Republic
cKL.....	Coll. V. Klapka, Česká Lípa, Czech Republic
cKM.....	Coll. R. Kmeco, Litovel, Czech Republic
cKOP.....	Coll. T. Kopecký, Hradec Králové, Czech Republic
cKORG.....	Coll. H. Korge, Berlin, Germany
cLOH.....	Coll. R. Lohaj, Košice, Slovakia
cMACH.....	Coll. P. Machard, Molineuf, France
cMARG.....	Coll. W. Marggi, Thun, Switzerland
cMUILW.....	Coll. J. Muilwijk, De Bilt, The Netherlands
cORSZ.....	Coll. K. Orszulik, Frýdec-Místek, Czech Republic
cREUT.....	Coll. Chr. Reuter, Hamburg, Germany
cSCHN.....	Coll. P.H. Schnitter, Halle, Germany
cSK.....	Coll. V. Skoupý, Kamenné Žehrovice, Czech Republic
cST.....	Coll. W. Starke, Warendorf, Germany
cWR.....	Coll. D.W. Wrase, Berlin, Germany

Methods and Acknowledgment

Total body length (BL) is measured from the clypeus to the apex of the right elytron. Dissections were made with standard techniques, median lobes were preserved in Euparal on acetate labels, and pinned beneath the specimens from which they had been removed. Original labels of type specimens were cited as originally given, and different lines are separated by a forward slash (/). Localities are listed with administrative units (if possible), referring to the political situation at present time.

I am pleased to express my appreciation to the curators and collectors mentioned under "material" for their cooperation, loaning me many of the specimens on which this study is based. Further I thank very much following colleagues and friends for contributing or loaning me important material for this study or information about it: Chr. Bayer, B. and G. Degen, O. Hillert, P. Rudich and J. Kny, and A. Schwartz (Berlin), A. Casale (Sassari), W. Heinz (Schwanfeld), Chr. Reuter (Hamburg), and P. Sprick (Hannover); Jon Cooter (Hereford) for reading a previous draft of the manuscript on which this paper is based; L. Friedman (Tel Aviv) and H. Sparmberg (Erfurt) for locating geographically some localities and help with literature, W. Marggi (Thun), J. Coulon (S^{te} Foy Lès

Lyon), F. Hieke (Berlin), and L. Toledano (Verona) for identification or confirmation of determinations, respectively; and finally Bernd Jaeger (Berlin) and Boris M. Kataev (St. Petersburg) for help with literature and much advice in discussing the *Harpalus honestus creticus* problem, respectively.

Results

New taxonomic acts

Subfamily Harpalinae

Tribe Harpalini BONELLI 1810

Subtribe Harpalina BONELLI 1810

Genus *Harpalus* LATREILLE 1802

Harpalus (s.str.) *sulphuripes* ssp. *creticus* MAŘAN 1934, new assignment

Harpalus honestus ssp. *creticus* MAŘAN 1934: 126

Type material: Lectotype ♂, herewith designated, labelled: "Nida – Ida montes / Creta, V, 1934 / Coll. Bartoň" (black print on white label); "TYPUS" (black printed and framed on red label); "ssp. *creticus* m. / Dr. Mařan det." (white label, first line written by Mařan, second one printed); "H. *creticus* m. ♂ / Dr. J. Mařan det. 1934" (white label, first line handwritten by Mařan, second one printed; "34" handwritten); two subsequent labels: "Mus. Nat. Pragae / Inv. 857 (printed on antique pink, number handwritten), and "Lectotype *Harpalus honestus creticus* MAŘAN, 1934 WRASE des. 2008" (black print on red label). Paralectotypes: 1 ♂, 1 ♀, with same data as lectotype but without third label, fourth label for female specimen with a female sign instead of male sign, and with inventory number "858" (male), and "895" (female), and with paralectotype labels. All three specimens with label "*Harpalus sulphuripes creticus* MAŘAN, 1934 WRASE det. 2008" (black print on white label).

Additional material: Greece: Kriti: Lasithiou: Dikti Mts., Males env., 15 km NW Ierápetra, 12.VI.2001, K. Orszulik leg. (1 ♀, cORSZ). - Hanion: W Crete, Lefka Óri Mts., 4 km S Omalos, 1400 m, 1.IV.1990, R. Borovec leg. (1 ♂, cWR). Crete, Levka Ori, E Omalos, 1600 m, N 35°19'15"/E 23°55'56"E, 27.V.2004, Chr. Bayer leg. (2 ♂ ♂, cWR). Crete, Lefka Óri Mts., Omalos, 28.IV.1994, R. Kmeco leg. (1 ♀, cKM). - Rethimnis: Kreta, Ida-Gebirge, Umg. Ida-Höhle, 1500 m, 24.V.1989, H. Korge leg. (1 ♂, cKORG). Crete, Anogia, VI 2003, R. Hergovits leg. (2 ♂ ♂, 2 ♀ ♀, cLOH, cWR). W Crete, Nida-Hochebene, 15 km südlich von Anogia, 1500 m, 4.V.2003, W. Apfel leg. (2 ♂ ♂, NKME, cWR).

Mařan's description was based on about 25 specimens coming from the "Montes Psiloritis (Creta centralis)", which were deposited in the collection of Cyril Bartoň-Dobenín (stored today in NMP) and in NMP. He separated his taxon defined as subspecies of *H. honestus* (DUFTSCHMIDT 1812) from the nominotypical *H. honestus* amongst other features by more narrowed pronotum, laterally less sinuate, with anterior angles more rounded, and with posterior angles obtuse, by metepisterna distinctly shorter and by rudimentary hind wings, median lobe stouter, with apical lamella shorter, and by coloration in males always bluish black, and in females black, respectively.

After having asked for the type series I received three syntypes from NMP, glued to

cards and identified by their labels: "Nida – Ida montes / Creta, V, 1934 / Coll. Bartoň". The genitalia of one male were already extracted and glued to card, this male was chosen as lectotype (body length 9.2 mm) and his median lobe I have embedded in Euparal.

Some years earlier I have already investigated material from Crete, belonging to the same taxon, and the identity of the median lobe (apical lamella in *sulphuripes* GERMAR 1824 only somewhat shorter than in specimens from Crete) and the fine structure of the internal sac with that one of *H. sulphuripes* convinced me that it comes nearest to this species. The investigation of the types of *H. honestus creticus* confirmed my supposition, that they belong to *H. sulphuripes* and not to *H. honestus* (DFT.). So far the nominotypical form of *H. sulphuripes* GERM. is not known from Crete, this fact makes it very likely that the taxon *H. creticus* MAŘ. is an isolate, which can, as differing in some important characters, be ranked as one subspecies of the polytypic *H. sulphuripes* GERM., which forms in the western part of its range a subspecies (in N Africa, S Spain, S France, and Sardinia with ssp. *H. sulphuripes goudotii* DEJEAN 1829). The reasons presumably lie also in a brachyptery which limits the spreading power and hence the ability of overcoming geographical considerable barriers.

Judging from the label: "H. creticus m. ♂ / Dr. J. Mařan det. 1934" Mařan probably intended to vote for species status for his *creticus*, though in the description it got a subspecies status. Further investigations may demonstrate that there are two species but for settling of this question more material and genetic research methods are needed.

The nominotypical subspecies of *H. sulphuripes* GERM. and subspecies *H. s. creticus* MAŘ. differ as follows:

- A Antennae unicolorous light. Penultimate and preceding abdominal sternites, except the two obligatory setae glabrous, or sometimes with few fine additional setae. Body on average more slender with head small. Apical lamella of median lobe somewhat shorter. Upper surface black, males mostly with weak metallic tinge from blue to green, females black, or with metallic tinge much weaker than in males. Italy, Balkan Peninsula except Crete, Ukraine, Asia Minor. *H. s. ssp. sulphuripes* GERMAR 1824
- B Antennae except antennomere 1 strongly darkened, especially middle antennomeres. Penultimate and preceding abdominal sternites, except the two obligatory setae, seemingly always with numerous long additional setae. Body on average stouter with head larger. Apical lamella of median lobe somewhat longer. Upper surface black, with weak blue-violaceous metallic tinge, females black, or with metallic tinge much weaker than in males. Crete..... *H. s. ssp. creticus* MAŘAN 1934

Subtribe *Stenolophina* KIRBY 1837

Genus *Acupalpus* LATREILLE 1829

Acupalpus (s.str.) *schnitteri* JAEGER 1999, nov. status

I s r a e l : Golan: Bental Reservoir, W Merom Golan, ca. 1000 m (stony wetland near shore), 30.IV.2006, Wrase leg. [21] (3 spems., cWR).

Previously described from Israel (Lower Galilee: Meron) as subspecies of *A. suturalis* DEJEAN 1829 but by being fairly different from this species it is ranked here as distinct species. Beside the types there were only two female specimens from Syria (Sanameïn) available, obviously belonging to the new taxon but the author underlined that males should corroborate the occurrence in Syria. As obviously rare or at most only locally distributed, these records seem worthy to be registered as giving justified reason of assumption that the species really occurs in areas west of the Golan.

Faunistic notes

Subfamily *Nebriinae* LAPORT 1834

Tribe *Nebriini* LAPORT 1834

Genus *Leistus* FRÖLICH 1799

Leistus (s.str.) *terminatus* (PANZER 1793)

Iceland: Austurland: Sveitarfélagið Hornafjörður: Höfn env., 24.-28.VIII.2008, Chr. Reuter leg. (1 spcm., cWR). - Suðurland: Skaftárhreppur: Kirkjubæjarklaustur, Skafatell, 24.-28.VIII.2008, Chr. Reuter leg. (2 spcms., cREUT, cWR).

Widespread in the primarily northern part of the Palearctic region, from France to E Siberia but hitherto not recorded from Iceland (CATPAL 1: FARKAČ & JANATA 2003: 83, VIGNA TAGLIANTI 2004). First record for Iceland, the species reaches here obviously the north-western limit of its range.

Subfamily *Brachininae* BONELLI 1810

Tribe *Brachinini* BONELLI 1810

Genus *Brachinus* WEBER 1801

Brachinus (s.str.) *alexandri* F. BATTONI 1984

Israel: Golan: Bental Reservoir W Merom Golan, ca. 1000 m (stony grazing land near shore), 25.III.2008, Wrase leg. [29] (1 ♂, 3 ♀, cWR). - Central District: Breikhat Ya'ar, N Tel Aviv, 11 m (wetland), 27.III.2008, Wrase leg. [34] (1 ♂, 3 ♀, cWR). - North District: Upper Galilee, Alma plateau, env. Alma Cave S Alma vill., 33°02.294'N/35°30.553'E, ca. 630 m (stony grazing land, under stones), 9.III.2008, Wrase leg. [5] (1 ♀, cWR).

Described from Greece, this species was also recorded for Azerbaijan, Albania, Bulgaria, S-Russia, Ukraine, and Turkey (CATPAL 1: HRDLIČKA: 2003: 213). First record for Israel.

Brachinus (s.str.) *psophia* AUDINET-SERVILLE 1821

Israel: Central District: Breikhat Ya'ar, N Tel Aviv, 11 m (wetland), 27.III.2008, Wrase leg. [34] (1 ♀, cWR). - Golan: Bental Reservoir W Merom Golan, ca. 1000 m (stony grazing land near shore), 30.IV.2006, Wrase leg. [21] (1 ♀, cWR). The same but: 25.III.2008 [29] (1 ♂, 2 ♀, cWR). - North District: Upper Galilee, Meron Mts., Nakhar (Wadi) Moran, 1 km W Meron field school, ca 900 m (N. slope, slope spring, under stones), 11.III.2008, Wrase leg. [8] (1 ♂, 6 ♀, cWR).

A species with wide distribution, from W- and S-Europe, N-Africa (Algeria), Balkan Peninsula, S-Russia, Asia Minor, Near East and Caucasus area to Middle Asia and W-Siberia, not listed for Israel (CATPAL 1: HRDLIČKA: 2003: 213) but mentioned in BODENHEIMER 1937: 113. First detailed record for Israel.

Subfamily Elaphrinae ERICHSON 1837**Tribe Elaphrini ERICHSON 1837****Genus *Elaphrus* FABRICIUS 1775*****Elaphrus* (s.str.) *weissi* DOSTAL 1996**

G r e e c e : Ipiros: Ioánnina: Ioánnina, VI. 2006, V. Skoupý leg. (1♂, cSKOU). - Thessalia: Magnissia: Kanalia-L.Karla, 22.IV.2007, V. Skoupý leg. (1♀, cSKOU). Trikala: NW Kalambaka, E Xirokampos, Ion river, gravel bank, 299 m, 39°47'21''N/21°31'37''E, 25.V.2003, Schnitter & Neumann leg. (9 spcms., cSCHN, cWR). - Macedonia: Flórina: Mikrolimni, Prespos, 16.VI.2003, L. Kašpar leg. (1 spcm., cWR).

T u r k e y : Ankara: 10 km S Güven, Sarayköy env., Egrekaya Barajı, 2.VII.2005, E. & P. Hajdaj leg. (1 spcm., cHAJ.). - Adiyman: Azaplı Gölü lake, Gölbaşı env., 17.V. 2005, K. Orszulik leg. (2 spcms., cORSZ, cWR). - Kütahya: Kütahya, Porsuk Brj., 20.V.2001, M. Snížek leg. (1 spcm., cASSM).

I s r a e l : Golan: Merom Golan, Bental Reservoir, 33°08'N 35°47'E, V.2006, L. Friedmann leg. (1 spcm., TAU); the same but: 9.V.2006 (1 spcm., TAU). Golan Hights, Bental Reservoir W Merom Golan, ca. 1000 m (on mud near shore), 25.III.2008, Th. Assmann leg., Wrase leg. (11 spcms., cASSM, cWR).

Described from Greece (Thessalia), this species has a wider distribution than expected, as shown by above mentioned findings. First records for Turkey and Israel.

Subfamily Scaritinae BONELLI 1810**Tribe Scaritini BONELLI 1810****Subtribe Scaritina BONELLI 1810****Genus *Distichus* MOTSCHULSKY 1858*****Distichus* (s.str.) *planus* (BONELLI 1813)**

I s r a e l : North district: Upper Galilee, N. shore of Sea of Galilee, Ein Sheva (Tabkha), -192 m, 32°52.453'N/35°32.726'E (stony and loamy pasture), 25.IV.2006, Wrase leg. [9] (1 spcm., cWR). Upper Galilee, 3 km W Ma'ala Gamla, ca -200 m, (swampy bank of sluggish stream), 32°53.469'N/35°39.608'E, 22.IV.2006, Wrase leg. [5] (1 spcm., cWR). Lower Galilee, ca. 4 km W Tamra (route 70), 32°51.799'N/35°10.292'E (loamy field edge), 25 m, 25.IV.2006, Wrase leg. [11] (3 spcms., cWR).

Widely distributed from the W-Mediterranean area to Middle Asia and Saudi Arabia, not recorded for Israel in CATPAL 1: BALKENOHL 2003: 231 but mentioned by BODENHEIMER 1937: 108 from Palestine, and previously by CHIKATUNOV et al. 2006, 293, without mentioning exact localities. As it has not been possible to detect exact data, above mentioned findings are probably the first detailed records for Israel.

Subfamily Trechinae BONELLI 1810**Tribe Bembiidini STEPHENS 1827**

Subtribe *Bembidiina* STEPHENS 1827

Genus *Asaphidion* GOZIS 1886

Asaphidion austriacum SCHWEIGER 1975

Iran: Golestan: Golestan džangal, Tenuro, 2000 m, 26.V.2003, K. Orszulik leg. (3♂♂, 2♀♀, cORSZ, cHRTM, cWR).

Described from Austria, further findings showed a much larger extension eastwards (Caucasus area, see CATPAL 1: MARGGI et al. 2003: 242), hence the occurrence in Iran was expected. First record for Iran.

Asaphidion curtum ssp. *curtum* HEYDEN 1870

Tunisia: Béja: Béja, 3.V.2005, Vl. Skoupý leg. (1♂, cWR, identification confirmed by Hartmann). Jendouba: Jendouba, 7.IV.2008, J. Louda leg. (1♂, cWR).

A species with a range from the W-Mediterranean area to C- and southern N-Europe and W-Balkan, from N-Africa only mentioned from Morocco and Algeria (CATPAL 1: HARTMANN 2003: 242). First record for Tunisia. A thorough investigation must reveal if the status of *A. c.* ssp. *maroccanum* ANTOINE 1956 (Morocco) and *A. c.* ssp. *delatorrei* UYTENBOOGAART 1928 (Gran Canaria) is justified.

Asaphidion festivum (JACQUELIN DU VAL 1851)

Greece: Macedonia: Flórina/Péla: Kajmakčalan Mts., 5.VI.1995, Vl. Skoupý leg. (1♂, cSKOUP, identification confirmed by Hartmann).

Extremely rare species with a restricted range, hitherto only known from Corsica and Italian mainland (CATPAL 1: HARTMANN 2003: 242), and from Sardinia (VIGNA TAGLIANTI 2004). Above finding increases the range to Balkan Peninsula. First record for Greece.

Asaphidion transcaspicum (SEMENOV 1889)

Iran: Golestan: Azad Šar env., Farsiyan env., 2000 m, 20.V.2003, K. Orszulik leg. (1 spcm., cORSZ). - Khorāsān: Kopet Dag, Emamqoli env., Cheveli, 2200 m, 22.V.2003, K. Orszulik leg. (14 spcms., cORSZ, cHRTM, cWR). Kalát env., Tarasu, 20.V.2003 K. Orszulik leg. (5 spcms., cORSZ, cWR).

Distributed from the Caucasus area and Middle Asia to E-Siberia and NW-China (CATPAL 1: HARTMANN 2003: 243). First record for Iran.

Genus *Bembidion* LATREILLE 1802

Bembidion (Trepanes) articulatum (PANZER 1796)

Turkey: Samsun: Tersaken Çayı, N Havza, 673 m, 40° 59.608''N/35°44.489''E (river bank, gravel, mud), 30.VI.2008, I. Brunk leg. (27 spcms., cBR, cMARG, cWR, identification confirmed: Marggi 2009).

A species with a wide range from Iberian Peninsula to E-Siberia and China, not mentioned for Turkey in CASALE & VIGNA TAGLIANTI 1999 and in CATPAL 1: MARGGI et al. 2003: 270, probably overlooked. First record for Turkey.

***Bembidion (Trepanes) maculatum ssp. maculatum* DEJEAN 1831**

I s r a e l : North District: Upper Galilee, Meron Mts., Har Meron, Kamin Rom, 1100 m, 32°59.447'N/035°24.669'E (open stony grazing land, limestone), 28.IV.2006 Wrase leg. [15] (1 spcm., cWR, Toledano det. 2007). - Golan: Bental Reservoir, W Merom Golan, ca. 1000 m (stony grazing land near shore), 25.III.2008, Wrase leg. (1 spcm., cWR).

Nominotypical species distributed from N-Africa, W- and S-Europe to Balkan Peninsula (Croatia, Bosnia Herzegovina, Bulgaria): CATPAL 1: MARGGI et al. 2003: 265. First record for Israel.

Subtribe *Tachyina* MOTSCHULSKY 1862

Genus *Sphaerotachys* J. MÜLLER 1926

***Sphaerotachys fumicatus* (MOTSCHULSKY 1851)**

I s r a e l : North District: Upper Galilee, N. shore of Sea of Galilee, -200 m, Kfar Nakhum (Capernaum), 32°53.011'N/035°34.707'E (shore with stones and gravel), 12.III.2008, Wrase leg. [9] (1 spcm., cWR).

Widely distributed in the Afrotropical, Oriental and Australian Region, in the Palaearctic recorded from Egypt, Uttar Pradesh, Taiwan, and Japan (SCHATZMAYR 1936: 57; CATPAL 1: KOPECKÝ 2003: 277). Above mentioned specimen was compared with material from Egypt, N-India, Nepal, and Papua Island without constating important differences. First record for Israel.

Genus *Paratachys* CASEY 1918

***Paratachys fasciatus ssp. fasciatus* (MOTSCHULSKY 1851)**

I s r a e l : North District: Upper Galilee, N. shore of Sea of Galilee, -200 m, Kfar Nakhum (Capernaum), 32°53.011'N/035°34.707'E (shore with stones and gravel), Wrase leg. [4] 22.IV.2006 (7 spcms., cWR). Same data but: 12.III.2008 [9] (3 spcms., cWR). Upper Galilee, Jordan river nr. N. shore of Sea of Galilee, -200 m (loamy bank with *Nasturtium officinale*), 26.III.2008, Wrase leg. [31] (13 spcms., cWR). Upper Galilee, N. shore of Sea of Galilee, -200 m, *Tamarisc* floodplain forest betw. Kfar Nakhum (Capernaum) and mouth of Jordan river, 31.III./1.IV.2008, Wrase leg. [41] (40 spcms., cWR). Gonen, Hula valley, 50 m (wet place), 03.V.1996, P. Schnitter & K. Staven leg. (1 spcm., cWR, determination confirmed: Coulon 2003).

A species, closely allied to *P. fortunatus* MACHADO 1989 and *P. fulvicollis* DEJEAN 1831, and widely distributed in the Afrotropical, Oriental and Australian Region, in the Palaearctic recorded from Egypt, Iran, Syria, Iran, Uttar Pradesh, and E-Asia (CATPAL 1: KOPECKÝ 2003: 275). First record for Israel.

Genus *Tachyura* MOTSCHULSKY 1862

***Tachyura (s.str.) euphratica* (REITTER 1885)**

I s r a e l : North District: Upper Galilee, 3 km W Ma'ala Gamla, ca. -200 m (stony bank of sluggish stream), 32°53.469'N/035°39.608'E, 22.IV.2006, Wrase leg. [5A] (5 spcms., cWR; in 2 spcms. identification confirmed: Kopecký 2007).

From the Caucasus area, Asia Minor, Syria, Iran, Iraq to Pakistan and Middle Asia (CATPAL 1: KOPECKÝ 2003: 279). First record for Israel.

***Tachyura (s.str.) poeciloptera* (BATES 1873)**

T u r k e y : Antalya: Alanya, W Güzülbag, Holzplatz, 30.III.1996, A. Weigel leg. (1 spcm. Kopecký det. 2001, NME).

Widely distributed in the Australian and Oriental Region, in the Palaearctic Region from Japan and S-China to Pakistan. Not recorded for Turkey in CASALE & VIGNA TAGLIANTI 1999, and in CATPAL 1: KOPECKÝ 2003: 279. First record for Turkey (though this finding should be confirmed).

***Tachyura (s.str.) walkeriana* (SHARP 1913)**

G r e e c e : Stereá Ellas: Fthiótida: 40 km W Lamía, bank of Sperchios river, 28°55'46N/21°59'19E, 16.IV.2000, V. Assing leg. (1 spcm., cWR, Kopecký det. 2003). - Egéio Pelagos: Samos: NE. coast, Karlovasi, Megalo river, 18.VII.1996, P. Schnitter leg. (1 spcm., cWR, Kopecký det. 2003). - Kiklades: Folegandros, 26.-29.V.1991, A. Schwartz leg. (1 spcm., cWR).

I s r a e l : Golan: E El Rom, 1040 m, border to Syria (brookside), 05.V.1996, P. Schnitter & K. Staven leg. (1 spcm., cWR, Kopecký det. 2003). Bental Reservoir, W Merom Golan, ca 1000 m (stony grazing land near shore), 30.IV.2006, Wrase leg. (11 spcms., cWR). Same data but: 25.III.2008 (12 spcms., cWR). Same data but: 33°08N/35°47E, 9.V.2006, L. Friedman leg. (1 spcm., TAU). - North District: N Sea of Tiberias, Jordan river, B'nat kaakov bridge, 300 m (loamy broken-down bank), 03.05.1996, P. Schnitter & K. Staven leg. (1 spcm., cWR, Kopecký det. 2003).

Scattered and only locally abundant in Europe from W- and C-Europe to Bulgaria, range toward east not well understood, from Asia only mentioned from Turkey (CATPAL 1: KOPECKÝ 2003: 280). First records for Greece and Israel.

Tribe P o g o n i n i LAPORTE 1834

Genus *Pogonus* DEJEAN 1821

***Pogonus (s.str.) orientalis ssp. orientalis* DEJEAN 1828**

R o m a n i a : Tulcea: Tulcea, Murgihiol, Camping Pelican, 28.VIII.2003, J. Muilwijk leg. (1 spcm., cHAN).

The nominal taxa *P. orientalis* DEJ. and *P. micans* CHAUDOIR 1842 were recently revised (MÜLLER-MOTZFELD & WRASE 2007: 219), and *P. micans* was downgraded to a subspecies of *P. orientalis* DEJ. The nominotypical subspecies with range in the western partial areal is recorded from Bulgaria, Moldavia and S-Russia toward east, and the occurrence in Romania is not unexpected. First record for Romania.

Tribe T r e c h i n i BONELLI 1810

Genus *Trechus* CLAIRVILLE 1806

***Trechus (Epaphius) secalis ssp. secalis* (PAYKULL 1790)**

I c e l a n d : Austurland: Sveitarfélagið Hornafjörður: Höfn env., 24.-28.VIII.2008, Chr. Reuter leg. (1 spcm., cWR). - Suðurland: Skaftárhreppur: Kirkjubæjarklaustur, Skafatél, 24.-28.VIII.2008, Chr. Reuter leg. (1 spcm., cWR).

Widespread in the primarily northern part of the Palaearctic region, from France and Great Britain to E-Siberia but hitherto not recorded from Iceland (CATPAL 1: MORAVEC, UÉNO & BELOUSOV 2003: 325, VIGNA TAGLIANTI 2004). First record for Iceland, the species reaches here obviously the north-western limit of its range.

Subfamily Harpalinae

Tribe Abacetini CHAUDOIR 1872

Genus *Abacetus* DEJEAN 1828

Abacetus (Astigis) quadripustulatus PEYRON 1858

I s r a e l : North district: Upper Galilee, N. shore of Sea of Galilee, -200m, Kfar Nakhum (Capernaum), 32°53.011'N/035°34.707'E (shore with stones and gravel), 22.IV.2006, Wrase leg. [4] (1 spcm., cWR). - South district: Dead Sea area, En Gedi, En Gedi Spring (gravel/moist places along spring), 16.III.2008, Wrase leg. [13] (10 spcms., cWR). Dead Sea area, En Gedi, Wadi Arugot (gravel along small river), 16.III.2008, Wrase leg. [14] (1 spcm., cWR).

Armenia, Egypt, Saudia Arabia, Syria, Turkey, and Yemen (CATPAL 1: BOUSQUET 2003: 346). Not mentioned in BODENHEIMER 1932 but in BODENHEIMER 1937: 112 for Palestine without exact locality, so seemingly these are the first detailed records for Israel.

Tribe Cyclosomini

Subtribe Masoreina

Genus *Aephnidius* W.S. MACLEAY 1825

Aephnidius ruficornis CHAUDOIR 1850

I s r a e l : Central District: Nitsanim, dunes betw. Ashdod and Ashkelon, 29.III.2008, Wrase leg. [36] (1 spcm., cWR). - Haifa: coastal area 3 km W Zikhron Ya'akov (edges of fish ponds, brackish water), 3.V.2006, Wrase leg. [26] (1 spcm., cWR). - North District: Upper Galilee, N. shore of Sea of Galilee, -200 m, dry shore area betw. Kfar Nakhum (Capernaum) and mouth of Jordan river, 31.III/1.IV.2008, Wrase leg. [41A] (2 spcms., cWR).

I r a q : Erbil: Kurdistan, Shaqlava env., 1.V.2006, Chr. Reuter leg. (1 ♀, cWR).

In CATPAL 1: BOUSQUET 2003: 357, mentioned for Iraq, Saudi Arabia, Syria, Turkey, and Yemen. First records for Israel.

Genus *Masoreus* DEJEAN 1821

Masoreus aegyptiacus DEJEAN 1828

G r e e c e : Peloponnissus: Ahaia: Metohi, Kalógria, sea coast, 14.V.2007, R. Kmeco leg. (7 spcms., cKM, cWR, male genitalia investigated!). Kalógria, beach, tha 1-4, IX 2005, I. Anastasiou leg. (6 ♂♂, 1 ♀, ZIUA, cWR, 2 male genitalia investigated!).

I t a l y : Sicily: Siracusa: Marzamemi, 22.-23.VIII.1998, T. Lackner leg. (1 ♂, cWR, male genital investigated!).

In CATPAL 1 (BOUSQUET 2003: 357) this species, widely distributed in the Mediterranean area (from Tunisia, Libya and Egypt, Italy, Malta to Israel, Syria and Saudi Arabia) was not mentioned for the Balkan Peninsula. VIGNA TAGLIANTI (2005: 223) recorded it as questionable for Sicily. First record for Greece and first assured record for Sicily. MATEU (1984: 119) characterized the species as being macropterous or brachypterous, light or rarely with darkened elytra. The greek specimens, mentioned here, are exclusively brachypterous and with darkened elytral disc.

***Masoreus affinis* ssp. *affinis* CHAUDOIR 1843**

I s r a e l : Southern District: Negev desert, Yeruham, lake, 4.IV.1997, collector unknown (1 ♀, cWR). Negev, 9 km NW Mizpe Ramon, N30°42' E034°47', 689 m, 21.III.2007, G. Wagner leg. (3 spcms., cASSM). Irus ha-Negev Reserve, SW Dimona, loess semi-desert, 14.III.2007: 220, Th. Assmann leg. (3 spcms., cASSM); same data but: 28.II.2005 (1 spcm., cASSM). Negev, Ro'a Wadi, Halukim Ridge near Sede Boqer, N30°52.6' E034°42.1', 31.1.2007, Th. Assmann leg. (1 spcm., cASSM). Negev, S Be'er Sheva, 3.2.2004, Th. Assmann leg. (1 spcm., cASSM).

The nominotypical subspecies is known from Sicily and from N-Africa, eastwards reaching Egypt, *M. a.* ssp. *arenicola* WOLLASTON 1863 on Canary Islands 1863 (MATEU 1984: 124; CATPAL 1: BOUSQUET 2003: 357). First records for Israel.

Tribe *Chlaeniini* BRULLÉ 1834**Subtribe *Chlaeniina* BRULLÉ 1834****Genus *Chlaenius* BONELLI 1810*****Chlaenius (Chlaeniellus) douei* PEYRON 1858**

I s r a e l : North district: Upper Galilee, N. shore of Sea of Galilee, -200 m, *Tamarisc* floodplain forest betw. Kfar Nakhum (Capernaum) and mouth of Jordan river, 31.III./1.IV.2008, Th. Assmann leg., Wrase leg. [41] (3 spcms., cASSM. cWR).

In CATPAL 1: KIRSCHENHOFER 2003: 351, this species was considered a synonym to *Chl. tristis* ssp. *tristis* (SCHALLER 1783). Our specimens completely agree with a specimen from Turkey (Kuruca Geçidi, cWR) identified as *Chl. douei* by Kirschenhofer in 2007 and fitting the description well (except the colour of pronotum and elytra which was described as being black but is with a weak greenish metallic tinge), very different from *Chl. tristis*. First records for Israel.

Tribe *Harpalini* BONELLI 1810**Subtribe *Amblystomina* FAUVEL 1889****Genus *Amblystomus* ERICHSON 1837*****Amblystomus algerinus* REITTER 1887**

I t a l y : Sardinia: Oristano: Stagno de Mistras, 10 m, 3954.944'N/008°27.662'E, 17.V.2995, W. Starke leg. (1 ♂, cST, genital investigated).

G r e e c e : Ipiro: Árta: Pétra, 20 km W Árta, 17.V.2002, L. Kašpar leg. (2 ♂♂, cKASP, cWR, genital investigated).

Known from N-Africa (Algeria, Morocco, Tunisia), and from Portugal (CATPAL 1: WRASE & JAEGER 2003: 360; WRASE 2005: 840). First records for Italy and Greece.

***Amblystomus cephalotes* REITTER 1896**

T u r k e y : Kahramanmaraş: Kahramanmaraş, 19.III.1998, Smrž leg. (1 ♂, 1 ♀, cWR). - Sanliurfa: Halfeti, 10.IV.1992, M. Sarovec leg (1 ♀, cWR).

I s r a e l : North district: Upper Galilee, Meron Mts., Har Meron, Kamin Rom, 1100 m, 32°59.447'N/035°24.669'E (open stony grazing land, limestone), 28.IV.2006, Wrase leg. [15] (1 ♂, cWR). Lower Galilee, Birel-Maksur env., NW Nazareth, 32°45.901'N/035°13.883', 23.II.2005, Th. Assmann leg., W. Starke leg. (6 ♂ ♂, 3 ♀ ♀, cASSM, cST, cWR).

Recorded from Syria and Turkey (CATPAL 1: WRASE & JAEGER 2003: 360). First record for Israel.

***Amblystomus rectangulus* REITTER 1883**

I s r a e l : North district: Senir River [E Kiryat Shemona], 33°13N/35°37E, 9.V.2006, L. Friedman leg. (1 ♀, TAU).

Listed from Italy, Croatia, Greece, Azerbaijan, Cyprus, Turkey, Syria, and Jordan (CATPAL 1: WRASE & JAEGER 2003: 360), hence above finding was expected. First record for Israel.

Subtribe *Anisodactylina* LACORDAIRE 1854

Genus *Anisodactylus* DEJEAN 1829

***Anisodactylus* (s.str.) *binotatus* (FABRICIUS 1787)**

L e b a n o n : Bekaa: Ammiq, Reserved Area, wetland, 870 m, 33°43'42''N/35°47'09''E, 31.V.2006, D. Frenzel leg. (1 ♀, NME).

Widespread species but distribution toward East not well understood. Not mentioned for Lebanon (CATPAL 1: ITOH 2003: 360). As I know of no other published records, above finding seems to be the first record for Lebanon.

***Anisodactylus* (*Hexatrachus*) *virens* ssp. *winthemi* DEJEAN 1831**

S p a i n : Canary Islands: Gran Canaria: Maspalomas env., 27.46N/15.34W, II 2006, J. Blümel leg. (1 ♂, 1 ♀, cWR).

This subspecies is known from N-Africa and Sicily (CATPAL 1: ITOH 2003: 361), Malta (VIGNA TAGLIANTI 2004). New record for Canary Islands (Gran Canaria).

Subtribe *Ditomina* BONELLI 1810

Genus *Carterus* DEJEAN 1830

***Carterus* (s.str.) *rufipes* (CHAUDOIR 1843)**

I r a q : Dahuk: Dahuk, SE Amedi, 1400 m (sparse oak forest), 1.-4.V.2007, Chr. Reuter leg. (1 spcm., cREUT). - Erbil: Rawandoz env. (near frontier to Iran), 1200 m (sparse oak forest), 29.IV.2007, Chr. Reuter leg. (10 spcms., cREUT, cWR). Shaqlawa, N Erbil, IV 2007, Chr. Reuter leg. (2 spcms., cREUT, cWR). - As Sulaymānīyah: Sergat, SE Sulaymānīyah, 31.III.2003, Chr. Reuter leg. (1 spcm., cWR).

Recorded from the Balkans (Bulgaria, Greece), the Caucasus area, Asia Minor, Cyprus, the Near East, and Iran (CATPAL 1: WRASE 2003: 364), not hitherto met with in Iraq though its finding was expected. First record for Iraq.

Genus *Ditomus* BONELLI 1810

Ditomus tricuspidatus (FABRICIUS 1792)

G r e e c e : Stereá Ellas: Etolía Akarnanía: Kilisura env., 5 km S Agrínio, 14.-15.V.2006, L. Kašpar leg. (1 ♂, cKASP). Kilisura env., 14 km N Messolóngi, 8.VI.2005, L. Kašpar leg. (1 ♂, cWR).

On various occasions recorded for Greece (amongst others PIOCHARD 1873: 55; VON OERTZEN 1886: 208; BEDEL 1897: 117). Contrary to that APFELBECK (1904: 173) stated that he had seen from different localities in Greece only *D. calydonius* (ROSSI). From this reason, and by the fact that I did not see any specimen from Greece, the species was not recorded for that country in CATPAL 1: WRASE 2003: 365. Above findings confirm the occurrence in Greece.

Genus *Dixus* BILLBERG 1820

Dixus moloch (PIOCHARD DE LA BRÛLERIE 1873)

I r a q : Erbil: Shaqlawa, N Erbil, IV 2007, Chr. Reuter leg. (1 spcm., cWR).

Recorded from Asia Minor and the Near East (Israel, Jordan, Lebanon, Syria, CATPAL 1: WRASE 2003: 365), so above mentioned finding was expected. First record for Iraq.

Genus *Graniger* MOTSCHULSKY 1864

Graniger femoralis (COQUEREL 1858)

G r e e c e : Makedonía: Halkidiki: Kassandra, Paliouri, VII 1982, M. Geisthard leg. (1 ♀, cHIL).

A rare species, distributed from the Canaries, Iberian Peninsula, N-Africa to Italy, Albania, and Ukraine (CATPAL 1: WRASE 2003: 365; VIGNA TAGLIANTI 2004; GUÉORGUIEV 2007: 96), the wide gaps between the recorded areas are surely due to its rarity. First record for Greece.

Genus *Oedesis* MOTSCHULSKY 1850

Oedesis caucasicus (DEJEAN 1831)

G r e e c e : Dodekánissa: Kós: Tigaki, 31.V.-14.VI.2000 (at light), T. Lehmann leg. (1 spcm., cSCHN).

I r a n : Būyer Ahmad-o-Kūhgīlūye: 5-9 km E Si Sakht, 1700-4000 m, 11.-16.VII.2003, I. Jeniš leg. (1 ♀, cKM).

Recorded from Italy and the Balkans, S-Russia and the Caucasus area, Asia Minor, Cyprus, the Near East and Middle Asia (WRASE 1999: 400; CATPAL 1: WRASE 2003: 366), therefore the above findings were expected. First records for Iran and the Greek Dodekánissa Islands.

Oedesis villosulus (REICHE 1860)

G r e e c e : Dodekánissa: Kós: Tigaki, 31.V.-14.VI.2000 (at light), T. Lehmann leg. (3 spcms., cSCHN, cWR).

Listed up to now from N-Africa (Algeria, Morocco, Tunisia), the Iberian Peninsula, Italy (mainland, Sardinia, Sicily), and the Greek mainland (WRASE 1999: 400; CATPAL 1:

WRASE 2003: 366; VIGNA TAGLIANTI 2004). First record for the Greek Dodekánissa Islands, above findings extend the known range considerably eastwards and findings in W-Turkey are most probable.

Subtribe *Harpalina* BONELLI 1810

Genus *Acinopus* DEJEAN 1821

***Acinopus* (s.str.) *laevigatus* ssp. *laevigatus* MÉNÉTRIÉS 1832**

P a k i s t a n : N.-W.-Frontier Province: Swat Valley, 7.VI.2008, local collector (1 ♀, cWR).

Distributed from the Balkan Peninsula, Caucasus, Asia Minor, Near East to Middle Asia, Afghanistan, and NW-China (CATPAL 1: WRASE 2003: 368). First record for Pakistan.

***Acinopus* (s.str.) *picipes* (OLIVIER 1795)**

J o r d a n : Maan: Petra, 12.XI.2004, K. Orszulik leg. (1 ♀, cWR).

A mostly common species, widely distributed from the Iberian Peninsula to the Near and Middle East (CATPAL 1: WRASE 2003: 368). Findings from Jordan were expected. First record for Jordan.

Genus *Harpalus* LATREILLE 1802

***Harpalus* (*Cephalophonus*) *cephalotes* ssp. *somcheticus* SCHAUBERGER 1933**

I r a n : Lorestan: Aligudarz, Ghalikuh, 2300 m, 30./31.VI.1990, Hashemi & Ebrahimi leg. (1 ♂, HMIM).

This subspecies is known from arid areas of SW-Transcaucasus area (SW-Armenia) and E-Turkey (KATAEV 2006: 142), hence above mentioned finding was expected. First record for Iran.

***Harpalus* (*Cryptophonus*) *melancholicus* ssp. *melancholicus* DEJEAN 1829**

G r e e c e : Macedonia: Thessaloniki: E Thessaloniki, W Stathmos, Nestos gorge, Nestos river, sandy gravel bank, 41°05'37''N/24°45'10''E, 26.V.2001, P. Schnitter leg. (1 ♂, 7 ♀, cSCHN, cWR). - Dodekanissa: Rodós: E Rhodos, Afantou env., 5 m, 12.-19.VI.2007, P. Kresl leg. (1 ♂, cWR).

***Harpalus* (*Cryptophonus*) *melancholicus* ssp. *reichei* JAKOBSON 1907**

G r e e c e : Ipiros: Préveza: Ammoudia, SE Párga, 29.VII.2005, M. Egger leg. (4 ♂, 5 ♀, cEGG, cWR). - Nissia Ioniou: Kérkira: Limni Corisian [Korisia], 9.VI.1976, unknown collector (1 ♀, cWR). Agios Georgios, 9.VI.1976, unknown collector (1 ♂, cWR). Aharavi, 29.V.1997, J. Hájek leg. (1 ♂, cWR). - Kefaloniá: Par. Kaminia, W Skála, 38°03.895'N/020°46.709'E, dune area, behind sandy beach, 24.V.2004, B. & G. Degen leg. (1 ♂, cWR). - Peloponnisus: Ahaia: Metohi, 16.V.2006, Klapka leg. (1 ♂, 1 ♀, cKL). - Lakonia: Githio, 29.-31.V.1990, Švec leg. (1 ♂, WR). Githio, 1.VI.1990, M. Janata leg. (1 ♂, cWR).

The latter taxon is characterized by a strong prosternal process, directed posteriorly. It is recorded from Spain, Corsica and Italy (mainland, Sardinia, Sicily) (CATPAL 1: KATAEV & WRASE 2003: 370; VIGNA TAGLIANTI 2005: 218). While ssp. *melancholicus* DEJ. is distributed in the more northern (Macedonia) and southeastern (Rodós) part of Greece, *H. m.* ssp. *reichei* JAK. occurs in the western (Ionian Isles, western part of Greek mainland) and southwestern (northern and southern Peloponnesos) regions. More mate-

rial is needed to establish the exact distribution of both subspecies of *H. melancholicus* DEJ. in Greece. First record of *Harpalus (Cryptophonus) melancholicus* ssp. *reichei* JAK. for Greece.

***Harpalus (s.str.) angulatus* ssp. *subangulatus* REITTER 1900**

L e b a n o n : Beqaa valley: NW Zahlé, Tarchich, ca. 1650 m, 1./15.XI.2003, W. Heinz leg. (1 ♂, cWR., further specms. in cHZ, not investigated). - North Libanon Prov.: Bcharre, Jabal et Mekmel, 34°12'50"N/36°04'05"E, under high mountain vegetation and stones, 2500-2800 m, 27.V.2006, D. Frenzel leg. (1 ♂, NME).

This subspecies is known from Israel, Syria and Turkey (CATPAL 1: KATAEV & WRASE 2003: 373), hence above mentioned findings were expected. First record for Lebanon.

***Harpalus (s.str.) cisteloides* ssp. *schouberti* TSCHITSCHÉRINE 1898**

T u r k e y : Ardahan: Çiçek Dağı, S Posof, Ilgardağı Geçidi, 2550 m, 41°24'56.5"N/ 42°44'30.9"E, flat upland area with pastures, 20.VII.2005, P. Schnitter leg. (1 ♂, cSCHN).

Subspecies *schouberti* TSCHIT. occurs in the Caucasus area (Azerbaijan, Armenia, Georgia, and the Caucasian S-Russia), hence the finding in E-Turkey was expected. First record for Turkey.

***Harpalus (s.str.) distinguendus* ssp. *distinguendus* (DUFTSCHMIDT 1812)**

E g y p t : Ash Sharqiya: Ismailiye, Abu Suweir, A.Kharwa, 19.XII.1995, W.G. Ullrich leg. (1 ♂, 1 ♀, cWR). Same data but: "on/near citrus", 30.XII.1995 (5 ♂ ♂, 1 ♀, cWR).

T u n i s i a : Sousse: Hammamet, VI 1997, J. Blümel leg. (1 ♀, cWR).

J o r d a n : Maan: Petra, 12.XI.2004, K. Orszulik leg. (4 specms., cORSZ, cWR).

A widely distributed and mostly common species, toward east to Russian Far East and NW-China, not yet known from N-Africa and Jordan (CATPAL 1: KATAEV & WRASE: 376). First records for Egypt, Tunisia, and Jordan.

***Harpalus (s.str.) fuscicornis* MÉNÉTRIÉS 1832**

I r a n : Māzandarān: Chalus env., VI 1998, Chr. Reuter leg. (2 ♂ ♂, cREUT, cWR). Hasan Keif, Kerla Dasht, 600 m, 7.V.2002, D. Gianasso leg. (1 ♂, MRSNT).

A widely distributed species, recorded from N-Africa and Spain to Middle Asia (CATPAL 1: KATAEV & WRASE: 376). First records for Iran.

***Harpalus (s.str.) inexpectatus* KATAEV 1989**

A z e r b a i j a n : Lerik: Alar-Lerik, 23.V.2007, K. Orszulik leg. (1 ♂, cWR). - Şamaxı: Samaxi env., Pırbeyli-Astraxanka, 4.VI.2007 (1 ♂, cORSZ).

A recently described species, recorded from Hungary, Armenia, Moldavia, Ukraine, S-Russia, Turkey, Kazakhstan, and Kirgiztan (CATPAL 1: KATAEV & WRASE 2003: 377). First record for Azerbaijan. Due to the close distance of the first locality (Lerik) to the Iranian frontier an occurrence in Iran is predictable.

***Harpalus (s.str.) picipennis* (DUFTSCHMID 1812)**

G r e e c e : Macedonia: Kavála: Stavroupoli env., 20.IV.2005, O. Hillert leg. (1 ♀, cWR).

Known on the Balkan Peninsula from Albania, Bosnia-Herzegovina, Bulgaria, und Yugoslavia, so its finding in Greece was expected. First record for Greece.

***Harpalus (s.str.) polyglyptus* SCHAUM 1862**

G r e e c e : Ipiros: Ioánnina: Ioánnina 21.IV.1993, J. Macek leg. (1 ♂, cW). - Stereá Ellas: Etolia Akarnanía: Kilisura env., 5 km S Agrinio, 14.-15.V.2006, L. Kašpar leg. (1 ♀, cKASP).

Described from "Corfu" (Kérkyra), this species, endemic to Greece, is seemingly rare in collections, up to now there are records from the Ionian Isles and from the Greek mainland (see also APFELBECK 1904: 189).

***Harpalus (s.str.) pulvinatus ssp. lubricus* REITTER 1862**

T u r k e y : Kars: Sarkamış, Çardakçatı, 1350 m, 15.V.2005, M. Kesdek leg. (1 ♂, AUE, identification confirmed: Kataev 2006)).

H. pulvinatus MÉNÉTRIÉS 1848 was revised and re-described by KATAEV some years ago (1993: 134), the distribution of *H. p. ssp. lubricus* REITT. was given with E-Ciscaucasia and Transcaucasia, Kalmykia, Lower Wolga Region, SW-Kazakhstan, S-Turmenistan, and S-Tadjikistan, the Turkish finding enlarges the range westward. First record for Turkey.

Genus *Trichotichnus* A. MORAWITZ 1863***Trichotichnus (s.str.) laevicollis* DUFTSCHMID 1812**

G r e e c e : Macedonia: Flórina: Vérno Mts., Pissodéri, W Flórina, 1500 m, 31.V.2001, S. Benedikt leg. (1 ♀, cWR).

On the northern and middle Balkan Peninsula widely distributed: Albania, Croatia, Bosnia Herzegovina, Yugoslavia, and Slovenia (APFELBECK 1904: 201; HIEKE & WRASE 1988: 141, the data in CATPAL 1: ITOH 2003: 396, are not complete and partly wrong). An occurrence in Greece therefore seemed very likely and was confirmed through above finding. First record for Greece.

Genus *Ophonus* DEJEAN 1821***Ophonus (Hesperophonus) similis* (DEJEAN 1829)**

R o m a n i a : Constanta: Eforie Sud ("Carmen Sylva", 1 ♀, cWR).

Distributed from the European Mediterranean area and Balkan Peninsula to Asia Minor and Iran but hitherto not encountered in Romania (CATPAL 1: WRASE 2003: 389). Carmen Sylva was the name of the city Eforie Sud in the Dobrudza on the Black Sea coast between World Wars I and II (after the pseudonym of the Romanian Queen, Elisabeth, Princess of Wied). First record for Romania.

***Ophonus (Metophonus) brevicollis* (AUDINET-SERVILLE 1821)**

S y r i a : as-Suwaitā: as-Suwaitā env. [SE Dimashq/Damascus], Hauran (hilly country, basaltic lava, partly forested), 20.IV.1990, Chr. Reuter leg. (1 ♂, cWR).

Up to now known from Spain to Turkey (CATPAL 1: WRASE 2003: 389), hence an occurrence in Syria was expected. First record for Syria.

***Ophonus (Metophonus) melletii ssp. melletii* (HEER 1837)**

Greece: Ipiros: Ioánnina: Mesovouíni, 28.VII.1998, M. Egger leg. (1 ♂, cWR). - Macedonia: Katerini: Leptocariá, Hotel Poseidon, 16.VI.-9.VII.1997, Th. Kriska leg. (1 ♂, cWR).

The nominate subspecies, having a wide range from western Europe to Caucasus area, Asia Minor and Near East, was not met with in Greece up to present (CATPAL 1: WRASE 2003: 390). First record for Greece.

***Ophonus (s.str.) franziniorum* SCIAKY 1987**

G r e e c e : Kérkira: "Corfu", 26.IV.1979, J. Ferrer leg. (1 ♂, cWR).

M o n t e n e g r o : Bar: E Sutomore, 300-600 m, 6.-11.VIII.2006, K. Orszulik leg. (1 ♀, cWR).

Known from France, Italy, Bulgaria, Cyprus and Turkey (CATPAL 1: WRASE 2003: 391), hence these findings were expected. First records for Greece and Montenegro.

Subtribe *Stenolophina* KIRBY 1837

Genus *Acupalpus* LATREILLE 1829

***Acupalpus (s.str.) lucasi* (GAUBIL 1849)**

T u n e s i a : Bejá: Ain Draham, Hotel des Chênes env., 23.-26.IV.1997, T. Kopecký leg. (4 spcms., cKOP, cWR).

Up to present only known from Algeria (CATPAL 1: JAEGER & KATAEV 2003: 398). First record for Tunisia.

***Acupalpus (Ancylostria) morulus* REITTER 1884**

I s r a e l : North District: Upper Galilee, Ha Khula Valley, Ma'agar Einan lake, 73 m, 33°05.137'N/35°34.730'E (toe of dam, in moist loamy soil), 1./2.V.2006, Th. Assmann leg., Wrase leg. [23] (ca. 100 spcms., cASSM, cWR).

I r a q : As Sulaymānīyah: Sergat, SE Sulaymānīyah, 31.III.2003, Chr. Reuter leg. (1 spcm., cWR).

Described from Israel (Haifa) but not listed in BODENHEIMER 1937, the species was revised and re-described by JAEGER 1987: 119, and mentioned from Turkey and Lebanon. Additional records were given for localities in Israel (Nazareth), Lebanon (Beyruth), Syria (Sanamein) and Turkey (Adana) in JAEGER 1992: 226. The name "Akbes" was mentioned as belonging to Turkey (Hatay province) but after information from maps, internet and "google earth" searches it refers to the frontier town Mīdān Akbas, or Meydan Ekbaz, Midan Ikbaz, Maydan Akpas or al-Midan Akbes (in Arab: سبكأ نادي م) in the Syrian province Halab. The few known localities of this species, rare in collections, recommend mentioning above findings from Israel. First records for Iraq.

Genus *Anthracus* MOTSCHULSKY 1850

***Anthracus basanicus* J.R. SAHLBERG 1908**

I s r a e l : Golan: Bental Reservoir, W Merom Golan, ca. 1000 m (stony wetland near shore), 30.IV.2006, Wrase leg. [21] (44 spcms., cWR, diverse coll.). Same data but: 25.III.2008 (10 spcms., cWR). Same data but: 33°08N/35°47E, 9.V.2006, L. Friedman leg. (1 spcm., TAU). - North district: Upper Galilee, Jordan river nr. N. shore of Sea of Galilee, -200m (loamy bank with *Nasturtium officinale*), 26.III.2008, Wrase leg. [31] (1 spcm., cWR).

Described from "prope vicum Sanamein in provincia Basanica Syriae" (Es Sanamein in the Syrian province Dara, south of Dimashq). Most likely widely distributed in Syria and Israel. As I know of no other published records, above findings are the first records for Israel.

***Anthracus insignis* REITTER 1884**

M o n t e n e g r o : Bar: Skadarsko jezero, Virpazar, 9.VIII.2006, K. Orszulik leg. (1 ♀, cORSZ).

Up to now only known from Greece (CALPAT 1: JAEGER & KATAEV 2003: 400). First record for Montenegro.

***Anthracus quarnerensis* (REITTER 1884)**

I s r a e l : Central District: Netanya, Breikhat Dora Res. (wetland), 27.III.2008, Wrase leg. [33] (4 spcms., cWR). Breikhat Ya'ar, N Tel Aviv, 11 m (wetland), 27.III.2008, Wrase leg. [34] (1 spcm., cWR). - Golan: Bental Reservoir, W Merom Golan, ca. 1000 m (stony wetland near shore), 30.IV.2006, Wrase leg. [21] (4 spcms., cWR).

A species widely distributed but not common, listed in BODENHEIMER 1932: 53, for "Ben Shemen, near Ludd" [Mehoz HaMerkaz], and recorded in CALPAT 1: JAEGER & KATAEV 2003: 400, for European W-Mediterranean region, Italy, Balkan Peninsula, Turkey and the Near East (Israel, Syria), hence the findings from Israel seem worthy of mention as additional detailed records for this country.

Genus *Idiomelas* TSCHITSCHÉRINE 1900

***Idiomelas* (s.str.) *morio* MÉNÉTRIÉS 1832**

P a k i s t a n : Balochistan: Quetta, 4.IV.1984, A. Hamet leg. (1 ♂, cWR).

Recorded from E-Transcaucasia (Azerbaijan, Armenia), Turkey, Iraq, N-Iran, S-Turmenistan, and S-Tadjikistan (CALPAT 1: JAEGER & KATAEV 2003: 404). The neighbouring regions of Balochistan are Iranian Balochistan to the west, and Afghanistan to the north, therefore an occurrence in Pakistan is not surprising. First record for Pakistan.

Genus *Stenolophus* DEJEAN 1821

***Stenolophus* (s.str.) *skrimshiranus* STEPHENS 1828**

L i b y a : Cyrene-Shahhat, 10.X.1999, R. Sehnal leg. (2 spcms., cHAID, cWR).

T u r k m e n i s t a n : Kopetdag, oasis Jambash, 10.V.1983, H. Sparmberg leg. (1 ♀, NME).

Widely distributed from W-Europe and N-Afrika to Caucasus, Asia Minor, Near East and Middle Asia (CATPAL 1: JAEGER & KATAEV 2003: 406). First records for Libya and for Turkmenistan.

***Stenolophus* (s.str.) *liebmanni* J. MÜLLER 1931**

I s r a e l : North district: Upper Galilee, Jordan river nr. N. shore of Sea of Galilee, -200 m (loamy bank with *Nasturtium officinale*), 26.III.2008, Wrase leg. [31] (1 ♂, cWR).

A rare species, close to *S. steveni* KRYNICKI 1832 but differing by completely black body, and recorded from Syria and Israel (see WRASE 2005: 852, with first record for Israel, based on three localities), therefore this finding seems worthy to be mentioned.

Genus *Dicheirotrichus* JACQUELIN DU VAL 1857***Dicheirotrichus* (s.str.) *lacustris* (REDTENBACHER 1858)**

T u r k e y : Adana: Tuz Gölü, 17.IV.1997, P. Machard leg. (3♂♂, 1♀, cMACH, cWR). - Ankara: Tuz Gölü near Şereflikoçhisar, 13.V.1992, P. Vonička leg. (1♂, 1♀, cWR, Kataev det. 2006). Tuz Gölü near Karandere, without date, B. Makovský leg. (4♂♂, 1♀, ZISP, cWR, Kataev det. 2006). Tuz Gölü NNW Şereflikoçhisar, 39°08.241'N/33°20.425'E, 23.V.2001, J. Gebert leg. (1♂, cWR, identification confirmed Kataev 2006). - Denizli: Acigöi salt lake E Çardak, 5.V.1992, L. Behne leg. (1♀, cWR). - Muğla: Akvaka/Gökova, 11.-24.VI.1998, H. Winkelmann leg. (2♀♀, cWR, Kataev det. 2006, syntopic with *D. obsoletus* (DEJ.)). - Sivas: Zara env., Tödürge Gölü, salt lake, 24.VI.1993, Klíma leg. (1♂, 1♀, cWR, Kataev det. 2006).

A z e r b a i j a n : Baku: Baku, 14.V.2007, K. Orszulik leg. (1♂, 1♀, cWR, some other spcms. in cORSZ). Gobustan env., 17.V.2007, K. Orszulik leg. (1♂, cWR, some other spcms. in cORSZ).

The species, described from the Neusiedler Lake and long time confounded with *D. obsoletus* (DEJ.) has a range from N-Italy (Venetia, Emilia) and Hungary through the Balkan Peninsula, Caucasian area, Ukraine, and S-Russia to Turkmenistan, formally also recorded from Asia Minor (CATPAL 1: JAEGER & KATAEV 2003: 402). First detailed records for Turkey and first records for Azerbaijan. Due to the extreme similarity to *D. obsoletus* (DEJ.) which partly lives sympatrically with *D. lacustris* (REDTB.), records for both species should critically checked again.

***Dicheirotrichus* (s.str.) *obsoletus* (DEJEAN 1829)**

M a l t a : Buggibba, salt pans, 30.X.1999, A. Schöne leg. (1♀, cWR).

I s r a e l : North District: "Beisan [Bet Shean, in the Jordan River valley], Galilee, Palestine, 20.XI.24, O.TH." (1♂, TAU). Eijn Sharod [Ein Kharod], Palestine, 3.III.1948, Bytinski-Salz leg. (1♀, TAU).

T u r k e y : Muğla: Akvaka/Gökova, 11.-24.VI.1998, H. Winkelmann leg. (1♂, 1♀, cWR, Kataev det. 2006, syntopic with *D. lacustris* (REDTB.)).

Halobiont species, widely distributed along Atlantic coasts of Europe and N-Africa, reaching C-Europe, and Mediterranean coastal regions, eastwards to Turkey and Israel (CATPAL 1: JAEGER & KATAEV 2003: 402), in addition recorded from Malta (MAGRINI & SCHEMBRI 1997: 226; VIGNA TAGLIANTI 2004). For Israel and Turkey already formally recorded (BODENHEIMER 1937: 111; JAEGER & KATAEV l.c.), first detailed records for these countries. See also remarks concerning similarity with *D. lacustris* (REDTB.) above.

Tribe *Lebiini* BONELLI 1810**Subtribe *Cymindina* LAPORTE 1834****Genus *Cymindis* LATREILLE 1806*****Cymindis* (s.str.) *discophora* CHAUDOIR 1873**

P o r t u g a l : Madeira: Ilhas Desertas, Deserta Grande, Chão da Doca, 400 m, 1.VIII. 2000, Chr. Bayer leg. (11 spcms., cWR).

Distributed in N-Africa (Morocco to Tunisia) and the Canary Islands (MACHADO 1992: 488, CATPAL 1: KABAK 2003: 412). New record for Portugal (Madeira).

Subtribe *Dromiina* BONELLI 1810

Genus *Dromius* BONELLI 1810

Dromius (s.str.) *quadrinotatus* (LINNAEUS 1758)

Greece: Kérkira: Korfu, Bentota, S Korfu City, 10.VI.1998, O. Blochwitz leg. (1 spcm., cSCHNITT). Ipiros: Ioánnina: Vrossina, Kato Zálongo, 8.VI.2002, M. Egger leg. (1 ♀, cWR).

Already mentioned for Greece by APFELBECK (1904: 336 from "Makedonien (Olymp-Krüper)", not in CATPAL 1 (KABAK 2003: 420). Confirmation of the occurrence in Greece.

Dromius (s.str.) *agilis* (FABRICIUS 1787)

Turkey: Bolu: Abant Gölü, 30 km W Bolu, 4.V.1997, J. Bašta leg. (4 ♂♂, 2 ♀♀, cBAS, cWR). - Isparta: Kurucuova, Dipoyraz Dağı, 4.-7.VII.1997, J. Mertlík leg. (1 ♂, cWR).

Widely distributed from W-Europe to W-Asia, not cited from Turkey in CASALE & VIGNA TAGLIANTI 1999 and in CATPAL 1 (KABAK 2003: 420). First records for Turkey.

Genus *Microlestes* SCHMIDT-GÖBEL 1846

Microlestes coiffaiti MATEU 1956

Israel: North District: Upper Galilee, area W Ya'ar Bar'am Reserve, ca. 700 m (stony semi-open grassland, limestone), 30.IV.2006, Wrase leg. [20] (9 spcms., cWR). Upper Galilee, Ha Khula Valley, Ma'agar Einan lake, 73 m, 33°05.137'N/35°34.730'E (toe of dam, in moist, loamy soil), 1./2.V.2006, Wrase leg. [23] (1 spcm., cWR); the same but: shore, gravel, sandy/loamy soil (1 spcm., cWR). Upper Galilee, S Ziv'on, 750 m, 33°01.189'N/35°24.914'E (open stony grazing land, dolomite), 8.III.2008, Wrase leg. [1] (5 spcms., cWR, male genital investigated!).

Described from Lebanon, and up to now not recorded outside this country (CATPAL 1: KABAK 2003: 423) but the occurrence in Israel was expected. First record for Israel.

Microlestes schroederi HOLDHAUS 1912

Greece: Épeiros: Thesprotia: Kartéri, 20 km NW Igoumenitsa, 14.V.2006, L. Kašpar leg. (1 ♂, cKAŠP). Árta: Pétra env., 20 km W Árta, 26.-27.V.2006, L. Kašpar leg. (1 ♀, cWR).

A rare species, distributed from the Iberian Peninsula to Mongolia, not mentioned from Greece in CATPAL 1: KABAK 2003: 423). First records for Greece.

Microlestes vittatus ssp. *vittatus* MOTSCHULSKY 1859

Iran: Hormozgan: Genū, 30 km N Bandar-e 'Abbās, 23.IV.2002, P. Kabátek leg. (1 ♂, cWR).

Distributed in N-Africa (Algeria, Tunisia, Egypt), Israel, Iraq, Saudi Arabia, and Pakistan (CATPAL 1: KABAK 2003: 424). First record for Iran.

Subtribe *Lebiina* BONELLI 1810

Lebia (*Lamprias*) *rutilicollis* REITTER 1915

Israel: Haifa: Nahal Oren, Mt. Carmel, 24.VI.1997, Pavliček & Chikatunov leg. (1 spcm., TAU). - North district: Hagalil (Galilee), Rama, E Karmiel, 2.II.2004, Th. Assmann leg. (1 ♂, cASSM).

Lebanon: South Governorate (al-Janoub): Tyre: 12 km NW Enn Nâqoura, ca 50 m (hilly country near sea, scrubland), 25.XII.2001, Chr. Reuter leg. (1♂, cWR).

The species was described, based on two specimens, from "Syrien:...Haifa,...Saida" but was only cited as only occurring in Syria in CATPAL 1: KABAK 2003: 428). Above mentioned specimen from Nahal Oren, Mt. Carmel, was unidentified but obviously it is coming from the material collected for the "Evolution Canyon" project, made at that place for investigating the processes of biodiversity evolution at a microsite. A checklist of a part of beetle families, collected during this study, was published (CHIKATUNOV et al. 1999), and in this paper a "*Lebia ruficollis* Reitter 1915" was recorded but undoubtedly the name refers to *Lebia rutilicollis* REITT. For this species occurrence at Mt. Hermon and Mt. Carmel was mentioned, and the range, beside Israel, was given with Syria and Lebanon. An occurrence at Mt. Hermon, however, seems somewhat implausible due to the great climatic differences between the areas both massifs are situated. Further investigations must elucidate the real range of the species. Above findings also indicate preference for mild, sea-influenced climate. Seemingly first detailed record for Lebanon.

Subtribe *Lionychina* JEANNEL 1948

Genus *Apristus* CHAUDOIR 1846

***Apristus jaechi* KIRSCHENHOFER 1988**

Israel: North District: Upper Galilee, N. shore of Sea of Galilee, -200 m, Kfar Nakhum Capernaum), 32°53.011'N/35°34.707'E (shore with stones and gravel), 22.IV.2006, Wrase leg. [4] (3 spcms. cWR). Upper Galilee, Batika N.R., Batika river, nr. N. shore of Sea of Galilee, -200 m (open fine gravel bank), 26.III.2008, Th. Assmann leg., Wrase leg. [30] (about 50 spcms., cASSM, cWR).

Egypt: Janub Sina: Wadi Isla, 6.VIII.1994, S.A. Mahmoud leg. (2♂♂, 4♀♀, cWR).

Iran: Fars: Kāzerūn env., 10.V.1999, K. Orszulik leg. (1♀, cWR).

Recently described from Israel (Zaki lagoon, situated near Kfar Nakhum and most likely identical with Batika river), based on one female (holotype in NHM investigated, additionally a second specimen, coming from the same series but not mentioned in the description). The specimens from Batika river ran very quickly on the shore of a lagoon covered with fine dry gravel and small stones and at a certain distance from water. The Iranian specimen is of same coloration like the specimens from Israel and Egypt but the internal elytral stria are somewhat stronger impressed and the elytra are a little more slender, so a small doubt on the correctness of identification remains. More material including males is needed for corroboration of the occurrence in Iran.

The species could be a further example for distribution of elements of the Sahara-Arabian region coming from the Arabian Peninsula and reaching due to convenient climatic conditions via the Arava valley and the Dead Sea Region along the Jordan River the Sea of Galilee, as known for other invertebrates (see also FURTH 1975, MÜLLER et al. 2006), and even further eastwards to the Irano-Turanian region if the occurrence of *A. jaechi* should be confirmed in Iran. First records for Egypt and Iran.

***Apristus reticulatus* SCHAUM 1857**

- A z e r b a i j a n : Abseron: Dzangi, 50 km W Baku, 8.VI.2007, K. Orszulik leg. (1♂, 1♀, cWR). - Astara: Astara, 8.V.2007, K. Orszulik leg. (1♂, cWR). - Lerik: Allar-Lerik, 23.V.2007, K. Orszulik leg. (1♀, cWR).
- G e o r g i a : Mzcheta-Mtianeti: Transcaucasus, Tbilissi, Tbilissi lake, 23.VII.1985, Wrase leg. (2♂♂, cWR). Mzcheta near Tbilissi, 4.-23.VI.1987, Wrase & Schülke leg. (1♂, 1♀, cWR). Same data but: 12./13.VI.1987 (1♂, 1♀, cWR). Arakhlo near Bolnissi, Khrami river, 27.VI.1986, Wrase & Schülke leg. (2♂♂, 1♀, cWR).
- G r e e c e : Dodekánissa: Ródos, Laerma, Lardos env., 28.VI.2007 (2♀♀)/ 3.VII.2007 (2♀♀), K. Orszulik leg. (cWR). Kalathos, Lindos env., 1.VII.2007, K. Orszulik leg. (1♂, cWR).
- I s r a e l : North District: Upper Galilee, 3 km W Ma'ala Gamla, ca -200 m (stony bank of sluggish stream), 32°53.469'N/35°39.608'E, 22.IV.2006, Wrase leg. [5A] (1 spcm., cWR). Upper Galilee, Ha Khula Valley, Ma'agar Einan lake, 73 m, 33°05.137'N/35°34.730'E (shore, gravel, sandy/loamy soil), 1./2.V.2006, Th. Assmann leg., Wrase leg. [23A] (about 30 spcms., cASSM, cWR).
- L e b a n o n : North Province: Zgharta City, right tributary of Nahr Abou Ali river, bank, 80 m, 34°23'32"N/35°53'42"E, 28.V.2006, D. Frenzel leg. (1♂, cWR).

Widely distributed, from Balkan Peninsula, Turkey, Iran to Middle Asia (CATPAL 1: KABAK 2003: 431, the record from Italy, KABAK l.c., not confirmed by VIGNA TAGLIANTI 2004, and supposingly referring on *A. europaeus* MATEU 1980). After having seen a very large series (about 135 specimens) from its whole range I confirm a large variability in external characters in geographical respect, though the construction of the median lobe including internal sac is constant in specimens from different regions. The Israeli specimens differ only in a somewhat stronger reduction of the reticulation of upper surface which makes the specimens a little more shiny. A thorough investigation could show that several taxa (*A. schmidtii* KIRSCHENHOFER 1988, described from Tadzhikistan, and *A. baderlei* KIRSCHENHOFER 1988, described from Turkmenistan) belong to *A. reticulatus* SCHAUM. First records for Georgia, Israel, and Lebanon.

Genus *Lionychus* WISSMANN 1846***Lionychus* (s.str.) *orientalis* K. DANIEL 1901**

- G r e e c e : Dodekánissa: Ródos, Psinthos, 9.VII.1991, W.Veldkamp leg. (1♂, cWR).
- I r a n : Māzandarān: W Polour, Demavand N, 2499 m, 23.VI. 1998, W. Heinz leg. (1♂, 2♀♀, cWR).
- I t a l y : Sicily: Messina: valley of river Antillo, between Santa Teresa di Riva and Antillo (between Messina and Taormina), > 100 m, 24.V.2006, H. Sparmberg leg. (1♂, 1♀, NME, cWR).

This species, not well represented in collections, was mentioned from Turkey and Lenkoran (APFELBECK 1904: 325), from Armenian Uplands (KRYZHANOVSKIJ et al. 1995), and Azerbaijan (CATPAL 1: KABAK 2003: 432) but due to its occurrence in Asia Minor, Armenia and Azerbaijan its finding was expected on Rhodos and in Iran. Its presence in S Europe is not recorded in KABAK l.c. and in VIGNA TAGLIANTI 2004: Fauna Europaea, and 2005: 224, and seems a little surprising. From Sicily are four species mentioned, according to VIGNA TAGLIANTI l.c.: *L. albonotatus* (DEJEAN 1828), *L. fleischeri* ssp. *focarilei* BARAJON 1964, *L. maritimus* FAIRMAIRE 1862, and *L. quadrillum* (DUFTSCHMIDT 1812) but these species (which I compared with) differ a good deal from *L. orientalis* K. DANIEL in their characters. On Sicily both specimens were found in a river flood plain on a wide, natural, open boulder gravel/sand plain. As I know of no other published records, above findings are likely the first records for Greece, Italy, and Iran.

Genus *Syntomus* HOPE 1838

Syntomus montanus BEDEL 1913

T u n i s i a : Bejá: ca. 2 km S Ain Draham, 670 m, 36°44'27N/08°41'01E (N-exp. oak forest, litter sifted), 28.XII.2004, P. Wunderle leg. (1 ♀, cWR).

A species, up to recent only recorded from Algeria (CATPAL 1: KABAK 2003: 433). First record for Tunisia, which was expected.

Syntomus obscuroguttatus (DUFTSCHMIDT 1812)

I s r a e l : Central District: Breikhat Ya'ar, N Tel Aviv, 11 m (wetland), 27.III.2008, Wrase leg. [34] (1 ♂, 2 ♀, cWR). - Golan: Bental Reservoir, W Merom Golan, ca. 1000 m (stony grazing land near shore), 25.III.2008, Wrase leg. [29] (1 ♂, 1 ♀, cWR).

Widely distributed, from Iberian Peninsula and N-Africa to Middle Asia, entering the Oriental region (CATPAL 1: KABAK 2003: 433). First record for Israel.

Syntomus parallelus (BALLION 1871)

I r a n : Azarbaygan-e: 15 km S Mešginšar, 2900 m, 3815N/4745E, 20.VI.2000, E. & P. Hajdaj leg. (2 ♂, cWR). - Chorāsān: 38 km N Qūcān, 2724N/5834E, 1964 m, 16.V.2003, P. Kabátek leg. (1 ♀, cWR). Emamqoli env., Cheveli, 2200 m, 22.V.2003, K. Orszulik leg. (1 ♂, cWR). Kopet Dag, Širvan env., Nāmānlū, 24.V.2003, K. Orszulik leg. (1 ♂, cWR). - Esfahān: 20 km NW Askarān (NW Ešfahān), 19.IV.2002, P. Kabátek leg. (1 ♂, cWR). - Golestan: Azad Šar, Farsiyan env., 2000 m, 27.V.2003, K. Orszulik leg. (3 ♀, cWR). - Kermān: 45 km NNE Sabzvārān (Jiroft), 2231 m, 28°58'N/57°54'E, 19.VII.2004, P. Kabátek leg. (1 ♀, cWR).

P a k i s t a n : Baltistan: Karakorum Mts., Hushe Valley, ca 3070 m, M. Šlachta leg. (1 ♂, cWR)

A species with a wide range from Armenia, Azerbaijan and Turkey to Middle Asia and Pakistan (CATPAL 1: KABAK 2003: 433). First records for Iran.

Tribe *Licinini* BONELLI 1810

Subtribe *Licinina* BONELLI 1810

Genus *Badister* CLAIRVILLE 1806

Badister (s.str.) *brevicollis* REICHE 1875

I s r a e l : Haifa: "Hedera [Hadera], coastal zone, 20.III.1927, O. TH. leg." (1 ♂, TAU).

Rare species, already recorded from Turkey, Israel, Lebanon and Syria (CATPAL 1: BAEHR 2003: 440), and from Greece (WRASE 2005: 854). For recognition see WRASE 1995: 353.

Badister (s.str.) *bullatus* (SCHRANK 1798)

I s r a e l : Central district: "Mikmoret" [Mikmoret, between Hadera and Netanya], 7.VII.1980, Q. Argaman leg. (1 ♂, TAU).

This species, fairly common in Europe, is in Asia known from Turkey, Iran, Iraq, Middle Asia and W-Siberia (CATPAL 1: BAEHR 2003: 440). Identification of above mentioned specimen is assured by investigation of the median lobe. First record for Israel.

***Badister (Trimorphus) sodalis* (DUFTSCHMID 1812)**

I s r a e l : "Syrien Kaifa [Haifa] Reitter" (2 spcms., TAU).

Widespread in Europe, this species was recorded from Asia only from W-Siberia and Turkey (CATPAL 1: BAEHR 2003: 441). These findings enlarge the distribution area to the Near East. First record for Israel.

Tribe Platynini BONELLI 1810**Genus *Agonum* BONELLI 1810*****Agonum* (s.str.) *rugicolle* CHAUDOIR 1846**

I s r a e l : Golan: Bental Reservoir, W Merom Golan, 33°08N/35°47E, 9.V.2006, L. Friedman leg. (1 ♀, TAU); the same but: 1000 m (stony grazing land near shore), 25.III.2008, Th. Assmann leg., Wrase leg. (10 spcms., cASSM, cWR). Ma'agar Bental, 33°08N/35°47E, 2.V.2007, L. Friedman leg. (1 ♀, TAU).

A species widely distributed in montane areas from the Caucasus region (described from Kobi in the Caucasus Major), Armenia, Asia Minor, Syria to Iran, with numerous synonyms (SCHMIDT 1992: 120; CATPAL 1: BOUSQUET 2003: 451), the hitherto isolated occurrence in Bulgaria (APFELBECK 1904: 291) could not be confirmed due to the lack of documented specimens (SCHMIDT l.c). The occurrence in the Golan is not surprising but as I know of no other published records, above findings are the first records for Israel.

***Agonum* (s.str.) *monachum* DUFTSCHMID 1812**

I s r a e l : Central district: Ga'ash, S Netanya (winter pool, with *Eleocharis*), 27.III.2008, Wrase leg. [32] (2 ♂♂, 2 ♀♀, cWR). Netanya, Breikhat Dora Reserve (wetland with reed and *Eucalyptus*) 27.XI.2007, Th. Assmann leg. [252, 286] (1 ♂, 1 ♀, cASSM). - Haifa: Breikhat Ya'ar, S Hadera, ~11 m, 32°25'N/34°54'E (ponds and wet meadows), 21.III.2007, Th. Assmann leg. [223], (1 ♂, cASSM).

Widely but locally distributed scarce species, from Asia but known from Turkey, Kazakhstan and W-Siberia (CATPAL 1: BOUSQUET 2003: 450). Except the citation for Palestine in BODENHEIMER 1937: 112, and listing for Israel by CHIKATUNOV et al. 2006: 294, both under *A. atratum* (DUFTSCHMID 1812), I know of no detailed records, seemingly these are the first ones for Israel.

***Agonum* (s.str.) *viridicupreum* ssp. *viridicupreum* MOTSCHULSKY 1844**

I s r a e l : Golan: Bental Reservoir, W Merom Golan, ca 1000 m (stony grazing land near shore), 30.IV.2006, Th. Assmann leg., Wrase leg. (13 spcms., cASSM, cWR). Same data but: 25.III.2008 (13 spcms., cASSM, cWR). Golan, fork to Ramat, Magshimim, 400 m, 27.IV.1996, P. Schnitter & K. Staven leg. (1 spcm., cSCHN). N. Golan, E El Rom, 1040 m, border to Syria (brookside), 05.V.1996, P. Schnitter & K. Staven leg. (6 spcms., cSCHN). N Golan, N Kela, 750 m (marsh area), 03.05.1996, P. Schnitter & K. Staven leg. (3 spcms., cSCHN). - Central district: Netanya, Breikhat Dora Res. (wetland), 27.III.2008, Th. Assmann leg., Wrase leg. (10 spcms., cASSM, cWR). Same data but: 27.11.2007, Th. Assmann leg. (5 spcms., cASSM).

Nominotypical subspecies occurring from Iberian Peninsula to Asia Minor, Irak, and Iraq (CATPAL 1: BOUSQUET 2003: 450). For Palestine the species was mentioned in BODENHEIMER 1937: 112. As I know of no published detailed records, seemingly these are the first ones for Israel.

Genus *Atranus* LE CONTE 1848***Atranus ruficollis* (GAUTIER DE COTTES 1858)**

I s r a e l : North district: Upper Galilee, Tanur Reserve, 345 m, Tanur (Jyon) river, 33°16.101'N/35°34.714'E (*Salix/Nerium* floodplain forest, heaps of mud, twigs and leaves), 1.V.2006, Wrase leg. [24A] (2 spcms., cWR).

From Corsica to S-Russia, everywhere local and rare. Recorded in Asia from Turkey only (CATPAL 1: BOUSQUET 2003b: 457), additionally a distribution is given for the Caucasus area, Armenia and parts of Turan (KRYZHANOVSKIJ et al. 1995: 118), and Syria (WRASE 2005: 855). First record for Israel.

Tribe *Pterostichini* BONELLI 1810**Genus *Poecilus* BONELLI 1810*****Poecilus (Ancholeus) gisellae* ssp. *gisellae* (CSIKI 1930)**

I s r a e l : North District: Upper Galilee, Alma plateau, env. Alma Cave S Alma vill., 33°02.294'N/35°30.553'E, ca 630 m (stony grazing land, under stones), 9.III.2008, Wrase leg. [5] (35 spcms., cWR). Found together with *P. (Ancholeus) pertusus* (SCHAUM 1858). Upper Galilee, Meron Mts., NW Zfat, pond, 850 m, 30.IV.1996, P. Schnitter & K. Staven leg. (ca. 10 spcms., cSCHN, cWR). Golan: Bental Reservoir, ca 1000 m, W Merom Golan (stony grazing land near shore), 25.III.2008, Wrase leg. [29] (1 ♀, cWR).

N o r t h C y p r u s : Famagusta: Gazimağusa, lake, 11.IV.1992, H. Winkelmann leg. (1 ♂, 1 ♀, cWR).

Widely distributed in the western Mediterranean area, its extension eastwards was unsure. The record for Cyprus in Fauna Europaea (VIGNA TAGLIANTI 2004) is seen as doubtful, according to AUSTIN et al. 2008: 54, it most probably refers to *P. puncticollis* (DEJEAN 1828). Not recorded for Israel (CATPAL 1: BOUSQUET 2003: 479). First record for Israel and confirmation of occurrence in Cyprus with the first detailed record. The record for "Kleinasien" by JEDLIČKA (1957: 99) seems very probable.

***Poecilus (Ancholeus) pertusus* (SCHAUM 1858)**

I r a q : Erbil: Rawandoz env. (near frontier to Iran), 1200 m (sparse oak forest), 29.IV. 2007, Chr. Reuter leg. (1 ♂, 1 ♀, cWR).

I r a n : Āzarbāyġān-e Garbī: Serou, 50 km NW Orūmīye, 37.39N/44.45E, 9.VI.1999, E. & P. Hajdaj leg. (1 ♀, cWR).

I s r a e l : North District: Upper Galilee, Alma plateau, env. Alma Cave S Alma vill., 33°02.294'N/35°30.553'E, ca 630 m (stony grazing land, under stones), 9.III.2008, Wrase leg. [5] (1 ♀, cWR, together with numerous specimens of *P. gisellae* (CSIKI)).

In CATPAL 1: BOUSQUET 2003: 480, recorded from Armenia, Azerbaijan, Turkey and Syria; VIGNA TAGLIANTA 2004: Fauna Europaea, mentioned it for the Near East without specification, so the findings from Israel are worthy for inclusion here. First records for Iran and Iraq.

***Poecilus (Ancholeus) puncticollis* (DEJEAN 1828)**

I s r a e l : Golan: Bental Reservoir, W Merom Golan, ca 1000 m (stony wetland near shore), 30.IV.2006, Wrase leg. [21] (11 spcsm., cWR). Same data but: 33°08'N/35°47'E, 9.V.2006, L. Friedman leg. (1♂, 1♀, TAU). - North District: Upper Galilee, Alma plateau, env. Alma Cave S Alma vill., 33°02.294'N/35°30.553'E, ca 630 m (stony grazing land, under stones), 9.III.2008, Wrase leg. [5], (45 spcsm., cWR).

Widely distributed from the Iberian Peninsula to Turkmenistan, for the E-Mediterranean area it is mentioned for Turkey and Syria (CATPAL 1: BOUSQUET 2003: 480). See-
mingly there are no published records for Israel, so above listed findings are the first
records for that country.

***Poecilus (Ancholeus) wollastoni* (WOLLASTON 1854)**

G r e e c e : Thessalia: Larissa: Mt. Ossa, 15.VII.2001, M. Egger leg. (1♀, cWR).

T u r k e y : Adana: Nur Dağlar, Fevzipasa env., Nurdağı Geç., 1400 m, 10.V.2005, K. Orszulik leg. (1♀, cWR).

E g y p t : al-Wādī al-dschadīd: Western desert, Baris, Dush Oasis, 30.XII.1995, W.G. Ullrich leg. (1♂, 1♀, cWR). Western desert, Bahariya Oasis, 12.V.1995, W.G. Ullrich leg. (1♀, cWR). - Dschanūb Sīnā: Sinai, Abu Rodeis, 24.V.1971, Bytinski-Salz leg. (1♀, TAU).

I s r a e l : South District: Gerofit [ca. 42 km NNE Eilat], at light, 24.III.2007, V. Kravchenko leg. (18 spcsm., TAU, cWR). Nahal Zin [Negev], 30.I.1998, T. Pavliček leg. (1♀, TAU). Bor Mashash [W Dimona], 7.IV.1998, V. Chikatinow leg. (1♂, TAU). - West Jordan Land: Kallia [NW tip of dead Sea], 26.III.1970, Bytinski-Salz leg. (2♀♀, TAU, cWR). Jericho, 1.I.1942, Bytinski-Salz leg. (1♂, TAU). Jerusalem-Jericho road, km 32, 1.XII.1940, Bytinski-Salz leg. (1♀, TAU). Jordan nr. Dead Sea, 25.I.1941, collector unknown (1♀, TAU).

S y r i a : Deir ez-Zor: Deir ez Zor, Euphrat, 40 km N Al Kassra, 300 m (wheat field), 18.V.1990, I.A. Al-Hussein leg. (1♂, 1♀, cWR) Same data but: cotton field, 8.IX, and 26.IX, respectively (2♀♀, cWR). Same data but: corn field, 13.-21.IV.1995, and 26.IV.-7.V.1995, respectively, Yakti leg. (3♂♂, cWR). Rasafah, 35°73'49"N/39°45'41"E, 310 m, 16.-17.VI.1996, P. Kabátek leg. (1♂, cWR). - Homs: Djebel al Bilas, ca. km WNW Palmyra, ca. 900 m, 8/9.XI.2004, W. Heinz leg. (2♀♀, cWR).

I r a n : Khūzestān: Mahsha, at light, 8.V.2006, J. Muilwijk leg. (1♂, cWR, further specimens in cMUILW, not investigated). Izeh, lake, 1.IV.2007, J. Muilwijk leg. (1♀, cWR, further specimens in cMUILW, not investigated).

Y e m e n : Schabwa: Ramilat as Sab'atayn (between Safir and Shaburah), 24.-26.III.1998, P. Rudich & J. Kny leg. (1♂, cWR).

K u w a i t : al-Kuwait: al-Kuwait env., 4.IV.1977, M. Branžovský leg. (1♀, cWR).

A species widely distributed from the Canary Islands and N-Africa to Yemen and Saudi Arabia, extending to the Afrotropical Region (CATPAL 1: BOUSQUET 2003: 480). Not mentioned for Israel but BODENHEIMER 1937: 112 redorded *Pterostichus leus* ANDREWES 1927 (which is synonym to *P. wollastoni*) for Palestine. Most probably also JEDLIČKA's (1957: 99) record of *Pt. leus* for "Palästina, Bagdad, Irak" refers to *P. wollastoni* (WOLL.). First records for Greece, Turkey, Syria, Iran, and Kuwait, and confirmation of occurrence in Israel with first detailed records. The record for Greece should be corroborated by further findings.

***Poecilus (s.str.) bonvoisini* (REICHE & SAULCY 1855)**

I s r a e l : West Jordan Land: "Al Magthas [near Jericho], Palestine", 2.IV.(2 ♀♀) and 23.V. (1♂) 1942, Bytinsky-Salz leg. (TAU, cWR). "Jordan b. Jericho", III 1942, unknown collector (1♂, TAU).

T u r k e y : Mersin: Silifke, 10.V.2001, M. Egger leg. (1 ♂, 3 ♀ ♀, cEGG, cWR).

I r a n : Būshehr: Borazjan, 27.III.2007, J. Muilwijk leg. (1 ♂, cWR, further specimens in cMUILW, not investigated). - Khūzestān: river Ahvaz, 29.III.2007, J. Muilwijk leg. (2 ♂ ♂, cWR, further specimens in cMUILW, not investigated).

A species not well known and rare in collections. Its distribution is given with Iraq, Jordan, Saudi Arabia, and Syria (CATPAL 1: BOUSQUET 2003: 481). The specimens fit well the description with exception of the colour Reiche indicated with "noir bronzé brillant", whereas above mentioned specimens are black with a weak violet-bluish tinge, so the correctness of the determination should be checked by investigation of types. For Palestine it was mentioned in BODENHEIMER 1932: 53 from "Jordan, near Allenby Bridge". As I know of no other published detailed records for Israel, above mentioned ones may serve as additional information. First records for Iran and Turkey.

Tribe Sphodrini LAPORTE 1834

Subtribe Calathina LAPORTE 1834

Genus *Synuchidius* APFELBECK 1908

***Synuchidius ganglbaueri* APFELBECK 1908**

G r e e c e : Macedonia: Flōrina: Triklário Mts., Pissodéri, 1750 m, 4.-7.VII.2005, J. Louda leg. (1 ♂, 2 ♀ ♀, cWR). Same data but 6.VI.1995, VI. Skoupý leg. (1 ♀, cWR).

As listed for Albania, Macedonia, and Yugoslavia (CATPAL 1: HOVORKA & SCIAKY 2003: 529; VIGNA TAGLIANTI 2004), occurrence in Greece was expected. First records for Greece.

Subtribe Atranopsina BAEHR 1982

Genus *Platyderus* STEPHENS 1827

***Platyderus* (s.str.) *rufus* ssp. *rufus* (DUFTSCHMID 1812)**

R o m a n i a : Mehedinti: Drobeta-Turnu Severin, 27.IV.1999, K. Orszulik leg. (1 ♀, ORSZ). - Cluj: Munții Trascăului, Cheile Valișoarei, 500-600 m, 21.IV.1984, J. Janak leg. (1 ♂, cWR).

The subspecies with a wide range from C-Europe, Balkan to Ukraine (CATPAL 1: HOVORKA & SCIAKY 2003: 522; VIGNA TAGLIANTI 2004), hitherto not listed from Romania. First record for this country.

Subtribe Sphodrina LAPORTE 1834

Genus *Laemostenus* BONELLI 1810

***Laemostenus* (s.str.) *quadricollis* ssp. *quadricollis* L. REDTENBACHER 1843**

J o r d a n : Amman: Amman region, 15 km N Madaba, Hisban vill., ca 600 m, 10.IV.2003, J. Voitenko leg. (1 ♂, cWR).

Nominotypical subspecies known from Israel, Lebanon, and Syria (CATPAL 1: CASALE 2003: 536). First record for Jordan.

Genus *Stenolepta* SEMENOV 1889***Stenolepta transcaspica* SEMENOV 1889**

I r a n : Khorāsān-e Razavi: 7 km E Bazabgan (20 km NW Mazdavand), 740 m, 36°17'N/60°31'E, 18.V.2006, A. Reiter leg. (1 ex., cGRY).

Recorded for Turkmenistan (CATPAL 1: CASALE 2003: 543) but mentioned as questionable for Iran (CASALE 1988: 77). I was able to compare above recorded specimen with a specimen from SW Turkmenistan, 30 km S Kyzyl Atrek, river Sumber near Tersakan, 22.IV.1993, R. Predel leg. (Sciaky det., cWR), its finding confirms the occurrence of this species in Iran.

Tribe *Zabrinini* BONELLI 1810**Subtribe *Amarina* C. ZIMMERMANN 1831****Genus *Amara* BONELLI 1810*****Amara (Bradytodema) kaszabiella* HIEKE 1983**

I s r a e l : South District: C. Negev, Re'em agricultural concern, W Yerukham (semidesert, under stones), 19.III.2008, Wrase leg. [19A] (15 spcms., MNHUB, cWR, identification confirmed: Hieke 2008).

S y r i a : Dimashq: Djebel Haymur [Jabal Haymūr], NE Al Busayri, 850 m, 6.XI.2004, W. Heinz leg (6 spcms., cWR).

A rare species, described from S-Jordan and further on known from Iran, Israel and Syria (CATPAL 1: HIEKE 2003: 552). CHIKATUNOV et al. (2006: 295) listed the species though already recorded for Israel, as new for this country, based on material collected in light traps but without mentioning a locality. First detailed records for Israel and Syria.

***Amara (Phaenotrichus) pumilio* (PIOCHARD DE LA BRÛLERIE 1876)**

I s r a e l : North District: Upper Galilee, Meron Mts., Har Meron, Kamin Rom, 1100 m, 32°59.447'N/035°24.669'E (open stony grazing land, limestone), 28.IV.2006, Wrase leg. [15] (1 spcm., cWR, Hieke det. 2006). Upper Galilee, S Ziv'on, 750 m, 33°01.189'N/035°24.914'E (open stony grazing land, dolomite), 28./29.IV.2006, Wrase leg. [16] (4 spcms. MNHUB, cWR, Hieke det. 2006).

The species, described from Libanon (Ehden), and not often found, is further on known from Israel and Syria (CATPAL 1: HIEKE 2003: 566), and was mentioned by CHIKATUNOV et al. (2006: 295) with the synonym name *A. politissa* (REITTER), based on material collected in light traps but without mentioning a locality. As I know of no published locality, above findings are the first detailed records for this country.

***Amara (Celia) aberrans* BAUDI DI SELVE 1864**

I s r a e l : Central District: SW Khadera (brackish pond), 27.III.2008, Wrase leg. [35] (1 spcm., cWR, Hieke det. 2008).

A species, described from Cyprus, with several synonyms and rare in collections. Furthermore, it is known from the Balkan Peninsula (Greece, Macedonia), Libya, Turkey, Israel, Lebanon, Syria, and Iran (CATPAL 1: HIEKE 2003: 555). CHIKATUNOV et al. (2006: 294) listed it for Israel, based on material collected in light traps but without mentioning a locality. First detailed record for Israel.

Zusammenfassung

Eine neue Zuordnung (new assignment) wird vorgeschlagen: *Harpalus honestus* ssp. *creticus* MAŘAN 1934 = *Harpalus* (s.str.) *sulphuripes* ssp. *creticus* MAŘAN 1934. *Acupalpus* (s.str.) *schnitteri* JAEGER 1999 nov. status wird aufgewertet von: *Acupalpus* (s.str.) *suturalis* ssp. *schnitteri* JAEGER 1999.

Folgende Arten werden erstmals gemeldet: *Leistus* (s.str.) *terminatus* (PANZER 1793): Island; (Austurland; Suðurland). *Brachinus* (s.str.) *alexandri* F. BATTONI 1984: Israel (Golan; Central District; North District). *Elaphrus* (s.str.) *weissi* DOSTAL 1996: Türkei (Ankara). Israel (Golan). *Asaphidion austriacum* SCHWEIGER 1975: Iran (Golestan). *A. curtum* ssp. *curtum* HEYDEN 1870: Tunisia (Béja; Jendouba). *A. festivum* (JACQUELIN DU VAL 1851): Greece (Macedonia; Flórina/Péla). *A. transcasicum* (SEMENOV) 1889: Iran (Golestan; Khorāsān). *Bembidion* (*Trepanes*) *articulatum* (PANZER 1796): Türkei (Samsun). *B. (Trepanes) maculatum* ssp. *maculatum* DEJEAN 1831: Israel (Golan). *Sphaerotachys fumicatus* (MOTSCHULSKY 1851): Israel (North District). *Paratachys fasciatus* ssp. *fasciatus* (MOTSCHULSKY 1851): Israel (North District). *Tachyura* (s.str.) *euphratica* (REITTER 1885): Israel (North District). *T. (s.str.) poeciloptera* (BATES 1873): Türkei (Antalya). *T. (s.str.) walkeriana* (SHARP 1913): Griechenland (Fthiótida; Samos). Israel (Golan; North District). *Pogonus* (s.str.) *orientalis* ssp. *orientalis* DEJEAN 1828: Rumänien (Tulcea). *Trechus* (*Epaphius*) *secalis* ssp. *secalis* (PAYKULL 1790): Island (Austurland; Suðurland). *Aephnidius ruficornis* CHAUDOIR 1850: Israel (Haifa; Central District; North District). *Masoreus aegyptiacus* DEJEAN 1828: Griechenland (Ahaïa). *M. affinis* ssp. *affinis* CHAUDOIR 1843: Israel (Southern District; Negev). *Chlaenius* (*Chlaeniellus*) *doueï* PEYRON 1858: Israel (North district). *Amblystomus algerinus* REITTER 1887: Griechenland (Árta). Italien (Sardinia; Oristano). *A. cephalotes* REITTER 1896: Israel (North district). *A. rectangulus* REITTER 1883: Israel (North district). *Anisodactylus* (s.str.) *binotatus* (FABRICIUS 1787): Libanon (Bekaa). *A. (Hexatrachus) virens* ssp. *winthemi* DEJEAN 1831: Canarische Inseln: Gran Canaria (Spain). *Carterus* (s.str.) *rufipes* (CHAUDOIR 1843): Irak (Erbil; Dahuk; As Sulaymānīyah). *Dixus moloch* (PIOCHARD DE LA BRÛLERIE 1873): Irak (Erbil). *Graniger femoralis* (COQUEREL 1858): Griechenland (Makedonia; Halkidiki). *Oedesis caucasicus* (DEJEAN 1831): Iran (Büyer Ahmad-o-Kühgīlūye). Dodekánissa: Kós (Greece). *O. villosulus* (REICHE 1860): Dodekánissa: Kós (Griechenland). *Acinopus* (s.str.) *laevigatus* ssp. *laevigatus* MÉNÉTRIÉS 1832: Pakistan (N.-W.-Frontier Province). *Harpalus* (*Cephalophonus*) *cephalotes* ssp. *somcheticus* SCHAUBERGER 1933: Iran (Lorestan). *H. (Cryptophonus) melancholicus* ssp. *reichei* JAKOBSON 1907: Griechenland (Ahaïa; Kérkira; Kefalonía; Lakonia; Préveza). *H. (s.str.) angulatus* ssp. *subangulatus* REITTER 1900: Libanon (Beqaa valley; North Libanon Province). *H. (s.str.) cisteloides* ssp. *schouberti* TSCHITSCHÉRINE 1898: Türkei (Ardahan). *H. (s.str.) distinguendus* ssp. *distinguendus* (DUFTSCHMIDT 1812): Ägypten (Ash Sharqiyah). Tunesien (Sousse). Jordanien (Maan). *H. (s.str.) fuscicornis* MÉNÉTRIÉS 1832: Iran (Māzandarān). *H. (s.str.) inexpectatus* KATAEV 1989: Azerbaijan (Lerik; Şamaxı). *H. (s.str.) picipennis* (DUFTSCHMIDT 1812): Griechenland (Kavála). *H. (s.str.) pulvinatus* ssp. *lubricus* REITTER 1862: Türkei (Kars). *Trichotichnus* (s.str.) *laevicollis* (DUFTSCHMIDT 1812): Griechenland (Flórina). *Ophonus* (*Hesperophonus*) *similis* (DEJEAN 1829): Rumänien (Constanța). *O. (Metophonus) brevicollis* (AUDINET-SERVILLE 1821: Syrien (as-Suwaïdā). *O. (Metophonus) melletii* ssp. *melletii* (HEER 1837): Griechenland (Ioánnina; Katerini). *O. (s.str.) franzinorum* SČIAKY 1987: Griechenland (Kérkira). Montenegro (Bar). *Acupalpus* (s.str.) *lucasi* (GAUBIL 1849): Tunesien (Bejá). *A. (Ancylostria) morulus* REITTER 1884: Irak (As Sulaymānīyah). *Anthracus basanicus* J.R. SAHLBERG 1908: Israel (Golan; North district). *A. insignis* REITTER 1884: Montenegro (Bar). *Idiomelas* (s.str.) *morio* MÉNÉTRIÉS 1832: Pakistan (Balochistan). *Stenolophus* (s.str.) *skrimshiranus* STEPHENS 1828: Libyen (Cyrene-Shahhat). Turkmenistan (Kopetdag). *Dicheirotichus* (s.str.) *lacustris* (REDTENBACHER 1858): Azerbaijan (Baku). *Cymindis* (s.str.) *discophora* CHAUDOIR 1873: Portugal (Madeira; Ilhas Desertas). *Dromius* (s.str.) *agilis* (FABRICIUS 1787): Türkei (Bolu; Isparta). *Microlestes coiffaiti* MATEU 1956: Israel (North District). *M. schroederi* HOLDHAUS 1912: Griechenland (Thesprotia). *M. vittatus* ssp. *vittatus*

(MOTSCHULSKY 1859): Iran (Hormozgan). *Apristus jaechi* KIRSCHENHOFER 1988: Ägypten (Janub Sina). Iran (Fars, Fund erfordert Bestätigung). *A. reticulatus* SCHAUM 1857: Georgien (Mzcheta-Mtianeti). Israel (North District). Libanon (North Province). *Lionychus* (s.str.) *orientalis* K. DANIEL 1901: Griechenland (Dodekánissa: Ródos). Iran (Māzandarān). Italien (Sizilien: Messina). *Syntomus montanus* BEDEL 1913: Tunesien (Bejá). *S. obscuroguttatus* (DUFTSCHMIDT 1812): Israel (Central District; Golan). *S. parallelus* (BALLION 1871): Iran (Azarbaygan-e, Chorāsān; Eşfahān, Golestan; Kermān). *Badister* (s.str.) *bullatus* (SCHRANK 1798): Israel (Central district). *B. (Trimorphus) sodalis* (DUFTSCHMIDT 1812): Israel (Haifa). *Agonum* (s.str.) *rugicolle* CHAUDOIR 1846: Israel (Golan). *A. (s.str.) viridicupreum* ssp. *viridicupreum* MOTSCHULSKY 1844: Israel (Central district; Golan). *Atranus ruficollis* (GAUTIER DE COTTES 1858): Israel (North district). *Poecilus (Ancholeus) gisellae* ssp. *gisellae* (CSIKI 1930): Israel (North District; Golan). *P. (Ancholeus) pertusus* (SCHAUM 1858): Iran (Āzarbāygān-e Garbī). Iraq (Erbil). *P. (Ancholeus) puncticollis* (DEJEAN 1828): Israel (Golan; North district). *P. (Ancholeus) wollastoni* (WOLLASTON 1854): Griechenland (Larissa). Türkei (Adana). Syria (Homs). Iran (Khūzestān). Kuwait (al-Kuwait). *P. (s.str.) bonvoisini* (REICHE & SAULCY 1855): Iran (Būshehr; Khūzestān). Türkei (Mersin). *Platyderus* (s.str.) *rufus* ssp. *rufus* (DUFTSCHMIDT 1812): Rumänien (Cluj; Mehedinți). *Synuchidius ganglbaueri* APFELBECK 1908: Griechenland (Macedonia: Flórina).

Bestätigung des Vorkommens: *Masoreus aegyptiacus* DEJEAN 1828: Sizilien (Siracusa). *Dromius* (s.str.) *quadrimaculatus* (LINNAEUS 1758): Griechenland (Kérkyra; Ioánnina). *Ditomus tricuspidatus* (FABRICIUS 1792): Griechenland (Etolía Akarnanía). *Stenolepta transcaspica* SEMENOV 1889: Iran (Khorāsān-e Razavi).

Bestätigung des Vorkommens mit ersten detaillierten Nachweisen: *Poecilus (Ancholeus) gisellae* ssp. *gisellae* (CSIKI 1930): Nord-Zypern (Famagusta).

Erste detaillierte Nachweise: *Brachinus* (s.str.) *psophia* AUDINET-SERVILLE 1821: Israel (Golan; Central District; North District). *Distichus planus* (BONELLI 1813): Israel (North District). *Dicheirotichus* (s.str.) *lacustris* (REDTENBACHER 1858): Türkei (Adana; Ankara; Denizli; Muğla; Sivas). Israel (North District). *Lebia (Lamprias) rutilicollis* REITTER 1915: Libanon (South Governorate). *Agonum* (s.str.) *monachum* (DUFTSCHMIDT 1812): Israel (Central District; Haifa). *A. (s.str.) viridicupreum* ssp. *viridicupreum* MOTSCHULSKY 1844: Israel (Golan). *Poecilus (Ancholeus) wollastoni* (WOLLASTON 1854): Israel (South District; West-Jordan-Land). *Abacetis (Astigis) quadripustulatus* PEYRON 1858: Israel (North district; South district). *Amara (Bradytodema) kaszabiella* HIEKE 1983: Israel (South District). Syrien (Dimashq). *A. (Phaenotrichus) pumilio* (PIOCHARD DE LA BRÛLERIE 1876): Israel (North District). *A. (Celia) aberrans* BAUDI DI SELVE 1864: Israel (Central District).

Erwähnt mit zusätzlichen detaillierten Nachweisen: *Elaphrus* (s.str.) *weissi* DOSTAL 1996: Griechenland (Ipiros; Thessalía; Macedonia). *Harpalus* (s.str.) *polyglyptus* SCHAUM 1862: Griechenland (Etolía Akarnanía; Ioánnina). *Acupalpus* (s.str.) *schnitteri* JAEGER 1999: Israel (Golan). *A. (Ancylostria) morulus* REITTER 1884: Israel (North District). *Anthracus quarnerensis* (REITTER 1884): Israel (Central District; Golan). *Stenolophus* (s.str.) *liebmanni* J. MÜLLER 1931: Israel (North District). *Dicheirotichus* (s.str.) *obsoletus* (DEJEAN 1829): Malta (Buggibba). *Syntomus parallelus* (BALLION 1871): Pakistan (Baltistan). *Badister* (s.str.) *brevicollis* REICHE 1875: Israel (Haifa). *Lebia (Lamprias) rutilicollis* REITTER 1915: Israel (Haifa; North District). *Apristus jaechi* KIRSCHENHOFER 1988: Israel (North District). *Poecilus* (s.str.) *bonvoisini* (REICHE & SAULCY 1855): Israel (West-Jordan-Land).

References

APFELBECK V. (1904): Die Käferfauna der Balkanhalbinsel mit Berücksichtigung Klein-Asiens und der Insel Kreta. Erster Band. Familienreihe Caraboidea. — Berlin: R. Friedländer und Sohn, ix + 422 pp.

- AUSTIN K., SMALL E., LEMAIRE J.M., JEANNE, Cl., MAKRI Chr. & G. GEORGHIOU (2008): A revised Catalogue of the Carabidae (Coleoptera) of Cyprus. — *Annales du Muséum d'Histoire Naturelle Nice* **23** (Supplement): 1-199.
- BAEHR M. (2003b): Licinina, pp. 440-443. — In: LÖBL I. & A. SMETANA (eds), *Catalogue of Palaearctic Coleoptera*, Vol. **1**, Stenstrup: Apollo Books, 819 pp.
- BEDEL L. (1897): Carabidae, pp. 85-124. — In: BEDEL L. 1895-1914: *Catalogue raisonné des Coléoptères du nord de l'Afrique (Maroc, Algérie, Tunisie et Tripolitaine) avec notes sur la Faune des îles Canaries et de Madère*. 1-2. Paris: Société Entomologique de France, 402 pp.
- BODENHEIMER F.S. (1932): Studies on the Ecology of Palestinian Coleoptera: I. Coleoptera at light-traps. — *Bulletin de la Société Royale Entomologique d'Égypte* **25** (16): 52-65.
- BODENHEIMER F.S. (1937): *Prodromus Faunae Palaestinae*. Essai sur les éléments zoogéographiques et historiques du Sud-Ouest du sous-règne paléarctique. — *Mémoires de l'institute d'Égypte* **33**: 1-286.
- BOUSQUET Y. (2003): Abacetini, pp. 346-347. — In: LÖBL I. & A. SMETANA (eds), *Catalogue of Palaearctic Coleoptera*, Vol. **1**, Stenstrup, Apollo Books, 819 pp.
- BOUSQUET Y. (2003): Cyclosomini, pp. 356-358. — In: LÖBL I. & A. SMETANA (eds), *Catalogue of Palaearctic Coleoptera*, Vol. **1**, Stenstrup, Apollo Books, 819 pp.
- CASALE A. (1988): *Revisione degli Sphodrina (Coleoptera, Carabidae, Sphodrini)*. — Torino: Museo Regionale di Scienze Naturali, Monografie V, 1024 pp.
- CASALE A. (2003): Sphodrina, pp. 532-544. — In: LÖBL I. & A. SMETANA (eds), *Catalogue of Palaearctic Coleoptera*, Vol. **1**, Stenstrup, Apollo Books, 819 pp.
- CASALE A. & A. VIGNA TAGLIANTI (1999): Caraboid beetles (excl. Cicindelidae) of Anatolia, and their biogeographical significance (Coleoptera, Caraboidea). — *Biogeographia* **20**: 277-406.
- CHIKATUNOV VI., PAVLIČEK T. & E. NEVO (1999): Coleoptera of "Evolution Canyon" Lower Nahal Oren, Mt. Carmel, Israel. 1. Families: Buprestidae, Carabidae, Cerambycidae, Glaphyridae, Hybosoridae, Hydrophilidae, Lucanidae, Scarabaeidae, Tenebrionidae, and Trogidae. — Sofia-Moscow, Pensoft, 174 pp.
- CHIKATUNOV VI., KRAVCHENKO V.D. & G.C. MÜLLER (2006): Carabidae (Coleoptera) collected in the Israeli light trap survey and their association with the major phytogeographical zones of Israel. — *Esperiana* **12**: 291-298.
- FARKAČ J. & M. JANATA (2003): Nebriini, pp. 79-96. — In: LÖBL I. & A. SMETANA (eds), *Catalogue of Palaearctic Coleoptera*, Vol. **1**, Stenstrup, Apollo Books, 819 pp.
- FURTH D.G. (1975): Israel, a Great Biogeographic Crossroad. — *Discovery* **11** (1): 3-14 + 1 map.
- GUÉORGUIEV B.V. (2007): *Annotated Catalogue of the Carabid beetles of Albania (Coleoptera; Carabidae)*. — Sofia – Moscow, Pensoft Publishers, 243 pp.
- HIEKE F. (2003): Amarina, pp. 547-568. — In: LÖBL I. & A. SMETANA (eds), *Catalogue of Palaearctic Coleoptera*, Vol. **1**, Stenstrup, Apollo Books, 819 pp.
- HIEKE F. & D.W. WRASE (1988): *Faunistik der Laufkäfer Bulgariens (Coleoptera, Carabidae)*. — *Deutsche entomologische Zeitschrift N.F.* **35** (1-3): 1-171.
- HOVORKA O. & R. SCIACKY (2003): Calathina, pp. 524-529. — In: LÖBL I. & A. SMETANA (eds), *Catalogue of Palaearctic Coleoptera*, Vol. **1**, Stenstrup, Apollo Books, 819 pp.
- HRDLÍČKA J. (2003): Brachyninae, pp. 212-218. — In: LÖBL I. & A. SMETANA (eds), *Catalogue of Palaearctic Coleoptera*, Vol. **1**, Stenstrup, Apollo Books, 819 pp.
- ITOH N. (2003): Anisodactylina, pp. 360-363. — In: LÖBL I. & A. SMETANA (eds), *Catalogue of Palaearctic Coleoptera*, Vol. **1**, Stenstrup, Apollo Books, 819 pp.
- ITOH N. (2003): *Trichotichnus*, pp. 394-397. — In: LÖBL I. & A. SMETANA (eds), *Catalogue of Palaearctic Coleoptera*, Vol. **1**, Stenstrup, Apollo Books, 819 pp.

- JAEGER B. (1987): Über *Acupalpus morulus* REITTER, 1884 (Col., Carabidae). — Entomologische Nachrichten und Berichte **31** (3): 11-13.
- JAEGER B. (1999): Nachtrag zur *Acupalpus*-Fauna des Nahen und Mittleren Ostens und neue Erkenntnisse zur Verbreitung und Synonymie einiger Arten der Gattungen *Acupalpus*, *Anthracus*, *Bradycellus* und *Psychristus* (Coleoptera, Carabidae). — Linzer biologische Beiträge **31** (2): 955-973.
- JAEGER B. & B.M. KATAEV (2003): Stenolophina, pp. 397-406. — In: LÖBL I. & A. SMETANA (eds), Catalogue of Palaearctic Coleoptera, Vol. **1**, Stenstrup: Apollo Books, 819 pp.
- JEDLIČKA A. (1957): Beitrag zur Kenntnis der palaearktischen Carabiden. — Acta Musei Silesiae **6**: 97-104.
- KATAEV B. & D.W. WRASE (2003): Harpalina (exclusively selenophorines), pp. 363-367. — In: LÖBL I. & A. SMETANA (eds), Catalogue of Palaearctic Coleoptera, Vol. **1**, Stenstrup, Apollo Books, 819 pp.
- KABAK I. (2003): Lebiini, pp. 408-439. — In: LÖBL I. & A. SMETANA (eds), Catalogue of Palaearctic Coleoptera, Vol. **1**, Stenstrup, Apollo Books, 819 pp.
- KATAEV B.M. (1993): New and little-known species of ground beetles of the genus *Harpalus* from Palearctic Asia (Coleoptera, Carabidae). — Zoosystematica Rossica **2**: 121-136.
- KATAEV B.M. (1997): A taxonomic review of *Hemiaulax*, *Idiomelas* and *Egaploa* with description of two new species of *Stenolophus* from South East Asia (Coleoptera: Carabidae). — Zoosystematica Rossica **6**: 237-254.
- KATAEV B.M. (2006): To the knowledge of the genus *Harpalus* LATREILLE, 1802 of the Eastern Palaearctic (Coleoptera: Carabidae). — Proceedings of the Russian Entomological Society **77**: 137-165.
- KRYZHANOVSKIY O.L., BELOUSOV I.A., KABAK I.I., KATAEV B.M., MAKAROV K.V. & V.G. SHILENKOV (1995): A checklist of the ground-beetles of Russia and adjacent lands (Insecta, Coleoptera, Carabidae). — Sofia-Moscow: Pensoft Series Faunistica **3**, 271 pp.
- LÖBL I. & A. SMETANA (eds): Catalogue of Palaearctic Coleoptera, Vol. **1**. — Stenstrup, Apollo Books, 819 pp.
- MAGRINI P. & S. SCHEMBRI (1997): A topographic catalogue of the Carabidae of the Maltese Island (Coleoptera). — Bollettino della Società Entomologica Italiana **129**: 213-234.
- MAŘAN J. (1934): Nové druhy a formy Carabidů z ostrova Hrěty. De novis carabidarum speciebus formis-que ex insula Creta. — Sborník Entomologického oddělení Národního Muzea v Praze **12**: 125-128.
- MATEU J. (1984): Revision del género *Masoreus* DEJEAN (Col. Carabidae) en Africa septentrional y en las Islas Atlántidas. — Miscelánea Zoológica (Barcelona) **8**: 111-131.
- MORAVEC P., UENO S.-I. & I. BELOUSOV (2003): Trechini, pp. 288-346. — In: LÖBL I. & A. SMETANA (eds), Catalogue of Palaearctic Coleoptera, Vol. **1**, Stenstrup: Apollo Books, 819 pp.
- MÜLLER G.C., KRAVCHENKO V.D., CHIKATUNOV VL., ORTAL R., ORLOVA O., LI CH., WITT Th., SPEIDEL W., MOOSER J. & A. HAUSMANN (2006): General Aspects of the Israeli Light-trap network concerning Coleoptera. — Esperiana **12**: 283-289.
- MÜLLER-MOTZFELD G. & D.W. WRASE (2007): Kurzer Beitrag zu Faunistik und Taxonomie der Tribus Pogonini (Coleoptera: Carabidae) in Kazakhstan und Kirgyzstan. — Entomologische Nachrichten und Berichte **51** (3-4): 217-219.
- OERTZEN E. VON (1886): Verzeichnis der Coleopteren Griechenlands und Cretas (mit Bemerkungen über ihre geographische Verbreitung und Sammelberichten). — Berliner Entomologische Zeitschrift **30** (2): 189-293.
- PIOCHARD DE LA BRÛLERIE C.J. (1873): Monographie des Ditomides. — L'Abeille **11**: i-viii, 1-100.

- REICHE L. (1855): [new species]. — In: REICHE L. & F. SAULCY, Espèces nouvelles ou peu connues de coléoptères, recueillies par M. F. de Saulcy, membre de l'Institut, dans son voyage en Orient, et décrites par M.M. L. Reiche et Félicien de Saulcy. Annales de la Société Entomologique de France (3) 3: 561-645, pl. 1.
- SCHATZMAYR A. (1936): Risultati scientifici della spedizione entomologica di S.A.S. il Principe Alessandro della Torre e Tasso in Egitto e nella penisola del Sinai. XII. Catalogo ragionato dei Carabidi finora noti d'Egitto e del Sinai. — Pubblicazioni del Museo Entomologico "Pietro Rossi", Duino 1: 1-114.
- SCHMIDT J. (1992): Zur Synonymie des *Agonum rugicolle* CHAUDOIR, 1846 (Col., Carabidae). — Entomologische Nachrichten und Berichte 36: 115-121.
- VIGNA TAGLIANTI A. (2004): Fauna Europaea: Carabidae. — In: AUDISIO P., Fauna Europaea: Coleoptera 2 Fauna Europaea version 1.1 <http://www.faunaeur.org>. (last update 19. April 2007 | version 1.3).
- VIGNA TAGLIANTI A. (2005): Appendice B. Checklist e chorotipi delle specie di carabidi della fauna Italiana, pp. 186-225. — In: BRANDMAYR, P., ZETTO T. & R. PIZZOLOTTO, Coleotteri Carabidi per la valutazione ambientale e la conservazione della biodiversità. Manuale operativo. APAT, Manuali e Linee Guida 34, 240 pp.
- WRASE D.W. (1995): Taxonomische und faunistische Bemerkungen über einige paläarktische Carabiden-Arten (Coleoptera, Carabidae). — Linzer biologische Beiträge 27 (1): 337-366.
- WRASE D.W. (1999): Revision of the genus *Oedesis* MOTSCHULSKY (Coleoptera, Carabidae, Harpalini). Pp. 393-416. — In: ZAMOTAJLOV A. & R. SCIACKY (eds), Advances in Carabidology. Papers Dedicated to the Memory of Prof. Dr. Oleg L. Kryzhanovskij. Krasnodar: Muiso Publishers, 473 pp.
- WRASE D.W. (2003): Ditomina, pp. 363-367. — In: LÖBL I. & A. SMETANA (eds), Catalogue of Palaearctic Coleoptera, Vol. 1, Stenstrup, Apollo Books, 819 pp.
- WRASE D.W. & B. JAEGER (2003): Amblystomina, p. 360. — In: LÖBL I. & A. SMETANA (eds), Catalogue of Palaearctic Coleoptera, Vol. 1, Stenstrup, Apollo Books, 819 pp.
- WRASE D.W. (2005): Nomenclatorial, taxonomic and faunistic notes on some Palaearctic genera and species of ground-beetles (Coleoptera, Carabidae: Apotomini, Chlaeniini, Cyclosomini, Harpalini, Lebiini, Licinini, Platynini, Siagonini, Sphodrini). — Linzer biologische Beiträge 37 (1): 815-874.

Author's address: David W. WRASE
Dunkerstr. 78
D-10437 Berlin, Germany
E-mail: carterus@gmx.de